

JOB POSTING INFORMATION

Placement Term:	2021 - Fall
Job Title :	F21 SAP iXp Intern - Agile Developer, HANA and Analytics (Sep 2021) (Req ID 281885) 136215 E3
Position Type:	Co-op Position
Job Location:	Vancouver, BC
Country:	Canada
Duration:	8 months
Job Description:	<p>Requisition ID: 281885 Work Area: Software-Design and Development Expected Travel: 0 - 10% Career Status: Student Employment Type: Intern</p> <p>Duration: 8 months</p> <p>COMPANY DESCRIPTION SAP started in 1972 as a team of five colleagues with a desire to do something new. Together, they changed enterprise software and reinvented how business was done. Today, as a market leader in enterprise application software, we remain true to our roots. That's why we engineer solutions to fuel innovation, foster equality and spread opportunity for our employees and customers across borders and cultures. SAP values the entrepreneurial spirit, fostering creativity and building lasting relationships with our employees. We know that a diverse and inclusive workforce keeps us competitive and provides opportunities for all. We believe that together we can transform industries, grow economics, lift up societies and sustain our environment. Because it's the best-run businesses that make the world run better and improve people's lives.</p> <p>What is SAP iXp? SAP's Internship Experience Program (iXp) is SAP's global, paid internship program that provides university students with the opportunities to find purpose in their careers.</p> <p>Three reasons to apply for SAP iXp</p> <ul style="list-style-type: none">• Culture of collaboration: Meet with mentors, make new friends across the globe and create a thriving personal network.

	<ul style="list-style-type: none"> • Project-driven experience: Gain cross-functional skills from our virtual and in-person learning sessions, diverse subject matter experts, and project deliverables. • Gain visibility: With iXp in your title, you'll have a global network of SAP leaders, entrepreneurs and career development opportunities at your fingertips. <p>ABOUT THE JOB</p> <p>From the day you join, you will work with team members to find creative ways to develop and test features.</p> <p>You will also:</p> <ul style="list-style-type: none"> • Contribute to hands-on coding and design. • Develop software end-to-end: elaborating requirements, coding features and automated tests, and troubleshooting and resolving production problems. • Gain experience working on a codebase by figuring out and improving code. • Embrace lean and agile software development principles. • Develop, maintain and execute automated tests. • Learn from others on the team through code reviews, sprint demos, knowledge sharing sessions and regular 1-on-1 coaching. • Grow in leadership, presentation and other soft skills.
<p>Job Requirements:</p>	<p>ABOUT YOU</p> <p>Do you want to collaborate with a team to learn and contribute in solving complex problems? Would you like the opportunity to hone your skills while growing personally and professionally? Do you want to help us build our next generation cloud analytics platform in a fast-paced startup culture that has the stability of SAP?</p> <p>WE'RE LOOKING FOR SOMEONE WHO</p> <ul style="list-style-type: none"> • Enjoys working on meaningful projects and is energized by lifelong learning. • Dreams big and has a passion for delivering reliable and well-tested software. • Likes to work with a motivated team who strives for similar goals. <p>WHO YOU ARE:</p> <p>We're looking for someone who can challenge the status quo and likes to stay curious. You enjoy working on meaningful projects and are energized by lifelong learning.</p>

EDUCATION AND QUALIFICATIONS / SKILLS AND COMPETENCIES

Currently registered in Computer Science or Engineering

Ability to work well in a team as well as independently

Possesses a positive self-motivated can-do attitude

Working knowledge of HTML, CSS, JavaScript and/or Java

Strong motivation to learn, teach, and grow

Critical thinker with a passion for customers, engineering, and product quality

Willing to commit for 8 months internship starting January 2021 at our beautiful SAP Vancouver office location

SUCCESS AT SAP

Success means different things to different people, so we go to great lengths to ensure that all our employees have every chance to succeed - on their own terms. That's because we firmly believe that your success leads to ours.

At SAP, we're huge believers in work-life balance. With us, you'll find job flexibility and career coaching, without compromising any of your valuable time at home.

SAP employees enjoy a variety of perks and benefits:

- Discount programs (Venngo, Yaletown Restaurants)
- Free coffee and tea
- Free daily fruit
- Subsidized pop, snacks, salad and more
- Foosball, pool, ping pong tables, and gym on site

Oh, and did we mention you get to work with some of the most influential companies on the planet to revolutionize the world?

WHAT YOU GET FROM US

Success is what you make it. At SAP, we help you make it your own. A career at SAP can open many doors for you. If you're searching for a company that's dedicated to your ideas and individual growth, recognizes you for your unique contributions, fills you with a strong sense of purpose, and provides a fun, flexible and inclusive work environment - apply now.

SAP'S DIVERSITY COMMITMENT

To harness the power of innovation, SAP invests in the development of its diverse employees. We aspire to leverage the qualities and appreciate the unique competencies that each person brings to the company.

SAP is committed to the principles of Equal Employment Opportunity and to providing reasonable accommodations to applicants with physical and/or mental disabilities. If you are in need of accommodation or special assistance to navigate our website or to complete your application, please send an e-mail with your request to Recruiting Operations Team

(Americas: Careers.NorthAmerica@sap.com or Careers.LatinAmerica@sap.com, APJ: Careers.APJ@sap.com, EMEA: Careers@sap.com).

Successful candidates might be required to undergo a background verification with an external vendor.

JIEUN KIM

3rd Year, Computer Science

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August 4, 2021

SAP
Canada

Dear Hiring Manager,

Re: F21 SAP iXp Intern - Agile Developer, HANA and Analytics (Sep 2021 Early Acceptance) (Req ID 281885) 135483 E1

I am writing this letter to express my keen interest in the aforementioned position at SAP. I would love to be part of the organization that has singlehandedly shaped the past, present and future of technology. As a 3rd year Computer Science student with a Bachelor's Degree in Electronic Engineering, with experience as a Physical Design Kit (PDK) engineer at Samsung Electronics, working on cutting-edge technology in a fast and challenging environment, I have demonstrated strong analytical and problem-solving skills. I have been fortunate to work along a team that brought remarkable success and global recognition to the company. My expertise in pre-silicon validation and enthusiasm as a computer scientist will ensure that I am the most suitable candidate for this position.

At Samsung Electronics, I was in Foundry development, verifying pre-silicon design to handle the physical characteristics of FETs. Having worked both as a developer and QA, I built a thorough understanding of the correlation between development and QA flow. I worked on multiple team projects, which required independent and collaborative work with solid time management and organization skills. I was in charge of supporting customers such as Apple and Qualcomm and managing EDA vendors such as Mentor Graphics and Synopsys. I issued design manuals and application notes to customers. These experiences have helped me develop the ability to manage effective communications and interpersonal relationships between engineers and customers.

I am currently developing skills in programming having completed fundamental Computer Science courses, including Software Construction and data structures & algorithms, which cultivated my programming skills in Java and C/C++ and also helped me develop a good understanding of OOP methodologies, and computational complexity theory. I am proficient in scripting languages such as Shell, awk, and Perl in Linux/Unix environments. I have the ability to provide automation for immediate design needs. I have completed the Microsoft Azure Fundamentals course. These experiences position me well to be a person with strong potential for future growth and contribute to the company's development.

If you have any further questions about me, please do not hesitate to contact me for further information. You can reach me anytime by e-mailing at jieun.kxx@student.ubc.ca or interviews@sciencecoop.ubc.ca. I sincerely hope that you get me and place for an interview. I am hoping for your positive feedback. Included with this letter is my CV.

Thanks for your kind consideration in advance. I look forward to hearing from you soon.

Sincerely,

A handwritten signature in black ink that reads "Jieun Kim".

Jieun Kim



OBJECTIVE

Agile Developer position at SAP iXp intern

SUMMARY OF SKILLS

- **Programming/Scripting:** Java, C/C++, Shell, awk, Perl, SKILL, R
- **Other Skills:** Unix/Linux, MacOS, Windows, Microsoft Office Specialist (Words, Excel, Power point)

PROFESSIONAL EXPERIENCE AND ACTIVITIES

Process Design Kits (PDK) Engineer, Samsung Electronics, Yongin-si, Republic of Korea Jan 2010 – Jan 2015

- Developed PDK such as LVS Regressions, LVS, ERC, and PEX decks for 7nm, 10nm, and 14nm technologies
- Executed PDK Quality Assurance for 20nm, 28nm, 32nm, and 45nm technologies
- Interfaced with design rule developers, process development engineers, device designers, and device modelers
- Supported foundry customers (Apple, Qualcomm, NVIDIA, etc.) to validate various Chip/Block level issues
- Coordinated EDA Vendors (Synopsys, Mentor, Cadence, etc.)
- Managed and trained junior engineers by providing technical direction in the physical design flow

PROJECTS

Graphic Manipulation Using C++ (Academic) – C++, OOP, Data Structures, Algorithms Jan – Apr 2021

- Implemented algorithm analysis methods, searching and sorting algorithms to encode, decode and compress images
- Used dynamic memory programming and optimal runtime management

Tennis Partner Matching System (Academic) - Java, JSON, JUnit, Swing Jan – Apr 2021

- Designed and implemented a tennis partner matching desktop application
- Implemented JSON parser, and a simple GUI using Java Swing to search queries
- Used Test Driven Development using JUnit to ensure complete code coverage

Data Analysis – Implication of Vaccination to Life Expectancy (Academic) - R Jan – Apr 2021

- Conducted multiple regression analysis and visualization to measure the impact of immunization coverage on Life expectancy

OTHER EXPERIENCE

Food Service Supervisor, Kahve, Vancouver, Canada Mar 2018 – Jul 2020

Food Service Supervisor, Platform7, Vancouver, Canada Jun 2017 – Mar 2018

Barista, The Pennydrop, Melbourne, Australia Feb 2016 - Mar 2017

AWARDS

Best team of the year, Samsung Electronics 2014

Best team of the year, Samsung Electronics 2013

Kyung Hee Overseas Exploration Scholarships, Kyung Hee University 2009

Empirical Philosophy from Elderly Scholarship, Kyung Hee University 2007

OTHER ACTIVITIES AND INVOLVEMENT

New employees' orientation preparation team, Samsung Electronics, Republic of Korea 2010

Freshmen mentoring, Kyung Hee University, Republic of Korea 2009

International students assistants, Kyung Hee University, Republic of Korea 2009

UN World Civic Youth Forum, Kyung Hee University, Republic of Korea 2009

EDUCATION

Bachelor of Computer Science, University of British Columbia, Vancouver, Canada Sep 2020 ~ Current

Bachelor of Electronic Engineering, Kyung Hee University Yongin-si, Republic of Korea Feb 2010

REFERENCE Available on request

Jieun Kim
1500 Pendrell st
Vancouver, BC V6G 3A5

August 4, 2021

Hyunjoon Yoo,
Staff Engineer
Samsung Electronics
Yongin, Korea

Subject: Request for a Reference Letter


Dear Mr. Yoo,

I hope you are doing well. I am writing this email to request a letter of recommendation in support of my application for a position at SAP as a software developer.

I was genuinely lucky to have you as my mentor while I was working at Samsung Electronics. During the time working with you, I learned and developed a lot about effective communication skills, strong analytical minds, as well as work ethics. As you know, I am pursuing a major in computer science after leaving Samsung Electronics, and about to start a new career as a software developer. As my mentor, I believe that you possess the ability to comment on my skills and my personality traits as an engineer. I would be sincerely grateful if you could write me a positive letter of recommendation.

The attached documents are my resume and the job description.
Please let me know if you need any further information. Thank you for considering my request.

Sincerely,



Jieun Kim

Jieun Kim
1500 Pendrell st
Vancouver, BC V6G 3A5

August 4, 2021

Byeongkeun Seo
Senior Professional,
Samsung Electronics
Yongin, Korea

Subject: Request for a Reference Letter

Dear Mr. Seo,

I hope you are doing well. I am writing this email to request a letter of recommendation in support of my application for a position at SAP as a software developer.

I was genuinely lucky to work in your team while I was working at Samsung Electronics. During the time working with you, I learned and developed a lot about interpersonal and leadership skills. Your outstanding leadership has set an excellent example for me. As you know, I am pursuing a major in computer science after leaving Samsung Electronics, and about to start a new career as a software developer. As a team leader who closely witnessed my growth as an engineer, I believe that you possess the ability to comment on my skills and my personality traits as an engineer. I would be sincerely grateful if you could write me a positive letter of recommendation.

The attached documents are my resume and the job description.
Please let me know if you need any further information. Thank you for considering my request.

Sincerely,



Jieun Kim

Jieun Kim
1500 Pendrell st
Vancouver, BC V6G 3A5

August 4, 2021

Suhyun Bae,
Senior Professional
Samsung Electronics
Yongin, Korea

Subject: Request for a Reference Letter

Dear Dr Bae,

I hope you are doing well. I am writing this email to request a letter of recommendation in support of my application for a position at SAP as a software developer.

I was genuinely lucky to work with you while I was working at Samsung Electronics. During the time working with you, I learned a lot about the essential traits of an exceptional engineer such as critical thinking skills and being open-minded. Through the training with you, I was able to develop an intuitive sense of what could or would work. As you know, I am pursuing a major in computer science after leaving Samsung Electronics, and about to start a new career as a software developer. As a technical leader in the team who closely witnessed my growth as an engineer, I believe that you possess the ability to comment on my skills and my personality traits as an engineer. I would be sincerely grateful if you could write me a positive letter of recommendation.

The attached documents are my resume and the job description.
Please let me know if you need any further information. Thank you for considering my request.

Sincerely,



Jieun Kim