Yifan Wang

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Experience

Software Developer Co-op

Philips • Vancouver, BC   *Jan 2021 – Aug 2021*

- Utilized web development tools such as Angular, Node.js, and Hapi to continuously improve and expand current functionalities of the Philips Cares multi-platform dashboard. Solved more than 20 frontend and backend issues.
- Worked on Amazon Echo Dot integration to add voice command features to senior living facilities. Created APIs for Amazon Skills Lambda to allow device status monitoring. Leveraged Echo Dot's VoIP functionality to enable residents to call contacts stored in the system. Used RabbitMQ to move data between different microservices.
- Leveraged Kubernetes and Docker to work with, debug, and deploy containerized microservice pods.

Robotics Process Automation and Innovation Co-op

Insurance Corporation of British Columbia • North Vancouver, BC   *Sep 2020 – Dec 2020*

- Wrote Python scripts to automate regression testing, process the data extracted from legal documents, and generate monthly reports.
- Created Blue Prism scripts to automate internal maintenance process.
- Worked closely with legal service team to develop an ASP.NET C#/JavaScript web applications using OutSystems to replace the current email workflow.

Project

Circles, A Social Networking App   *May 2020 – Aug 2020*

- Working in a team of four to develop a social networking website using JavaScript, React, Redux, MongoDB, Express and AWS S3.
- Implemented registration, login, and all posting related functionalities in both frontend and backend. Store images to AWS S3 and user information to MongoDB.

Education

Bachelor of Computer Science

University of British Columbia   *Sep 2019 - May 2022*

Skills

Programming Languages: JavaScript, Python, C, TypeScript, Java, Racket, C++

Tools: React, Angular, Vue, Redux, MongoDB, Express, Hapi, Microsoft SQL Server, MySQL, AWS S3, RabbitMQ, Git, JUnit, Mocha, Chai, Sinon

Knowledge: OOD, Data Structures and Algorithms, Microservices, Agile Development

Personal

Interests: Running, Video games, Reading

(Human) Languages: Mandarin (Native), English (Fluent)

References

Available upon request