Kevin Cherry
Software Engineer

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SUMMARY OF QUALIFICATIONS

- **3+ years** of development experience with a wide range of object oriented programming languages and development tools
- **Languages:** Javascript, Typescript, Python, Java, C++, C#, C
- **Tools:** React, OAuth, GCP, AWS, MongoDB, GitHub, GitLab, Firebase, Firestore, Figma, Docker, CircleCI
- **Principals:** AGILE, Scrum, Behaviour-driven Development, Test-driven development, CI/CD

WORK EXPERIENCE

MyTechne - *Software Engineer*   **June 2020 - Present**

Stack: React, Typescript, NodeJS, OpenAPI, GCP, Firebase, Firestore, MongoDB, Docker, AGILE

- Worked with a team of **3 developers** to create **2 MVP products** (Web App, Slack bot) through **4 rounds** of Alpha Testing with over **50 users**
- Built a **chrome extension** for embedding web-app data into Google Calendar using **React**
- Implemented a **serverless backend** architecture with **GCP** for handling requests from a **Slack Bot**
- Built **Figma** Mockups from UI/UX designers to spec in **React**
- Designed and implemented a **graph**-based routing system for administering user surveys
- Participated in weekly **scrums**, card **estimation**, and **sprints**

Vention - *Software Developer*   **Summer 2022**

Stack: Javascript, JQuery, ExpressJS, NodeJS, Python, AGILE

- Worked with a team of **5 developers** to expand and improve the flagship product of a platform with **100,000+ users**
- Designed and implemented a "React"-esque rendering system for updating UI components based on data changes
- Worked with users to design and implement a **user facing API** for configuring and controlling motors via Python

Caravan - *Full-stack Developer*   **Summer 2019**

Stack: React, Javascript, MongoDB

- Carried multiple features from design to deployment on a platform with **2,000+ users**
- Built a **drag-n-drop** feature for user's to customize displayed books on their profile
- Built a **custom UI component** for selecting date ranges on a calendar

EDUCATION

McGill University, Montreal, Quebec   **September 2018 - December 2022**

Bachelor of Science (BSc), Major in Honors Computer Science

- **3.9** Cumulative GPA
- Awarded Bourse d'excellence en sciences de l'informatique (**$1000** scholarship)
- **Coursework:** Algorithm Design, Data structures, Databases, Software Design, Artificial Intelligence, NLP, Design for ML applications, Computer Vision, Computer Games (Unity, C#), Computer Graphics (OpenGL, C++), Robotics

RESEARCH

SUMMIT: SUMMarizing Issue Tracking

- Worked on a **team of 4** under Dr. Jin Guo to explore the feasibility of using **summarization models** to aid software developers in reviewing long discussion threads on issue tracking platforms like GitHub
- Performed **extractive summarization** (BERTSumExt) and sentence **classification** on issue discussion comments
- Used a **Chrome Extension** and embedded **React** content to seamlessly integrate summaries with **GitHub**