Alexander Kim

see also: https://romantic-borg-2dc9e4.netlify.com/

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778-985-8031
Dalebright Dr. Burnaby, BC

Technical skills and knowledge

most familiar with

REACT, C++, Java, SQL, CSS

actively learning

Node js, Express, Knex

Other:

Object oriented Design,
Functional programming,
REST api,
Git,
Material design

Work Experience

Front-end developer - RVecho

May 2019 - Jul 2019

- Built a REACT web-app in typescript, using bootstrap, sass, and various APIs - including google APIs, Cloudinary, and our custom back-end API.
- Met UX design requirements by utilizing component life-cycles and connecting with end-points to create an MVP.
- Proposed MVP product requirements alongside senior development team by researching competitors, gathering feedback, and writing brief documentation.

Projects

Text-based Multiplayer game - CMPT 213, SFU

Jan 2019 - Apr 2019

- Developed a single-thread, text-based dungeon crawler game in C++ alongside a team of 8 students by designing around MVP requirements.
- Defined the initial prototypes for project critical "flows" such as log-in, switching avatars, travelling across the map and interacting with NPCs through UML cards.
- Aided in the training of team members with differing pre-requisite course backgrounds for usage of project critical elements (specifically, class inheritance and pointers).

Castle Defense in Terminal - CMPT 276, SFU

Jan 2018 - Apr 2018

- Created a "battleship" style game in Java with randomly placed opponents to practice writing "clean" code.
- Designed parent classes through CRC cards and UML diagrams for efficient development.
- Implemented design with attention to proper encapsulation, packaged, and documentation that was peer-reviewed positiively.

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Projects - continued

Compassionate Intelligence - winner Lumohacks 2018

Sep 2018

- Won a Hackathon with a unique app to help manage and heal PSTD.
- Designed a voice interface on Amazon Echo for patients that could maintain a basic mental health conversation and record data such as voice tone, pitch, and speed for comparison across time.
- Co-researched and wrote a white paper on PTSD related therapy methodology and effects on family and coworkers - with the goal of validating the app concept.
- Designed and developed a persuasive landing page using HTML and CSS for judges to better understand and explore our concept.

Education

BSc Computing Science - Software Systems Major

Software Systems, Simon Fraser University, Surrey, BC   Sep 2015 - 2020 expected

Non-technical experiences

Marketing intern - Greenline POS   Feb 2019 - May 2019

- Wrote SEO optimized case studies by interviewing clients.

Secretary General - Connect Global Youth Association   Oct 2018 - Apr 2019

- Arranged a $10,000+ conference for 400+ attendees by leading 61 staff.

Logistics coordinator - Design Lab   Oct 2018 - Apr 2019

- Arranged, promoted, and led a UX panel and workshop.

Teaching Assistant - Beedie School of Business   Jan 2018 - Apr 2018

- Assisted students and Instructor for an Entrepreneurship course.

Residence Adviser - SFU Residence Life   Sep 2016 - Apr 2017

- Developed a sense of community and wrote various incident reports.

see github: https://github.com/oklex