JERRY FENG

4A Computer Science

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SKILLS

Languages   Java, C/C++, C#, Python, PHP/Hack, JavaScript, SQL, HTML/CSS
Technologies   gRPC, Protobuf, GraphQL, Docker, Redis, Node.js, MySQL, OpenGL, Unity

EXPERIENCE

Facebook Software Engineer Intern   *Jan 2018 – Apri 2018*
Seattle, Washington
- Developed the PHP/Hack backend for a number of client features in Facebook News Feed
- Wrote comprehensive integration tests and migrated existing tests off a deprecated framework

Yahoo! (now Oath) Software Engineer Intern   *May 2017 – Aug 2017*
Sunnyvale, California
- Worked on the backend content-serving platform which powers several Yahoo! products including the *Newsroom* mobile apps, serving personalized media content to over 10 million users
- Designed and implemented a gRPC service in Java to host data stores while leveraging Docker for deployment
- Wrote a Java library to orchestrate upstream calls to data stores via HTTP as part of re-architecting an API stack

Tulip Retail Software Developer   *Sep 2016 – Dec 2016*
Toronto, Ontario
- Implemented response pagination and filtering in a RESTful API on Tulip's e-commerce platform
- Developed a service-oriented architecture using Go, gRPC, and Protobuf, replacing existing monolithic PHP code and reducing API response time by up to 80%

TextNow Android Developer   *Jan 2016 – Apr 2016*
Waterloo, Ontario
- Developed and maintained a mobile messaging app used by over 1 million people
- Implemented an overhaul of the sign-up/sign-in process and built the contacts blocking feature

TD Lab Android Developer   *May 2015 – Aug 2015*
Kitchener, Ontario
- Designed and developed core features in *Family Allowance*, an educational money management app

PROJECTS

Brave Beavers   *Unity, C#*
- Work in progress – a multiplayer co-op adventure/survival game with procedurally generated maps

Pumpkin Kid jub.itch.io/pumpkin-kid   *Phaser.js, HTML5/JavaScript*
- Halloween-themed top-down shooter game made in a week for itch.io's GameBoy Jam 5
- Ranked top 10% in all submissions based on community ratings

Greentext github.com/jfeng41/greentext   *Python*
- Simple programming language written in and interpreted into Python, featuring fundamental programming constructs such as loops, function calls, and recursion

EDUCATION

Candidate for Bachelor of Computer Science University of Waterloo   *2014 – 2019 (Expected)*
- **Relevant courses:** Algorithms, Concurrency & Parallel Programming, Introduction to Computer Graphics