

SKILLS

Languages: Java, JavaScript, SQL, Python, C, C++

Frontend: React, Flux, Angular, Backbone, LESS

Backend: Node, Express, Swagger, Spark

Database: MySQL, MongoDB

AWS: Lambda, Elastic Beanstalk, SQS, KMS, EC2/ECS

WORK

Software Engineering Intern | Jan - April 2017

Yahoo! Inc. | Sunnyvale, CA

Node.js, Express, Swagger, MySQL, AWS, React, Fluxible

- Architected database schemas and developed APIs for several new features for Yahoo View, including My Home, My Shows, Fan Zone, Fan Moji and User Preferences
- Implemented API to migrate over 4.9M users' data from logged out to logged in state
- Built a background worker application using AWS Elastic Beanstalk, improving several API response times by over 40% by offloading blocking tasks to the worker
- Reduced server startup time from 3 to less than 1s by replacing existing key manager with AWS KMS in the application bootstrap

Software Developer (Intern) | May - Aug 2016

Vena Solutions | Toronto, ON

Java, Spark, MySQL, Javascript, Backbone

- Built a micro-service to schedule and trigger HTTP requests, used for multiple features
- Implemented automatic email notifications with configurable scheduling and triggers
- Optimized existing database queries, reducing latency by an average of 60%
- Improved test coverage by writing Unit and API tests in JUnit and Postman

PROJECTS

WhiteBoard - <https://goo.gl/KHrJdm>

- Collaborative, realtime drawing platform for diagrams and mockups
- Designed and built the backend, including a web socket interface using socket.io

NoteShare - <https://goo.gl/rO5Yv2>

- All-in-one solution for easily storing, sharing and searching class notes and docs
- Single web-app designed to work on both desktop and mobile devices

OfflineBling - <https://goo.gl/pvQKRT>

- Android app to perform Wikipedia and WolframAlpha searches without Wifi or data
- Built the Android client that uses SMS to communicate with the server

AlgoTrainer - <https://goo.gl/kmMZcM>

- Platform for people to write and test trading algorithms on stock data of choice
- Focuses on data visualization for users to evaluate their algorithm's performance

SCHOOL

Honours Bachelor of Software Engineering | 2015 - 2020

University of Waterloo | *Waterloo, ON*

- University of Waterloo Alumni @ Microsoft Entrance Scholarship in Engineering
- Co-organizer of TerribleHack III, a hackathon based on comedy and silly ideas