Joe Zeng

Computer Science Class of 2019 - University of Waterloo

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SKILLS

- Languages: C, C++, Java, Python, JavaScript, HTML, CSS, SQL
- Frameworks and Libraries: jQuery, Bootstrap, Polymer, Pyramid, Robolectric, Docker, UNIX

EXPERIENCE

Google | Software Engineering Intern | Fall 2017   Kirkland, WA

- Designed and implemented a sandbox for Google's uploads and downloads service
- Orchestrated uploader and supporting services to help users perform end-to-end requests
- Surfaced valuable information interactively via server-side streaming RPCs and WebSockets
- Improved user supportability by providing an intuitive web interface with a rich suite of tools, developed using Polymer JS

Yelp | Software Engineering Intern | Winter 2017   San Francisco, CA

- Created a post-ordering experience for Yelp's Transactions Platform
- Designed and implemented a partner-facing API in Python that ingests order status updates
- Deployed daemons that process messages from Yelp's task queue to push thousands of order status notifications during peak ordering hours

Kik | Android Developer Intern | Summer 2016   Waterloo, ON

- Developed a message type to share bots that increased the userbase of Kik bots by thousands of users
- Implemented bot searching in Kik's username search screen to increase bot visibility

Connected Lab | Software Engineering Intern | Fall 2015   Toronto, ON

- Worked on the Android team to develop a smart home audio system and refactor a mobile wallet app
- Converted networking calls on the wallet app to use Volley networking to improve response times by 50% and improve code readability

PROJECTS

MyOrchestra - EngHack Project (*https://git.io/vtHpB*)

- Built a web app that allows users to conduct an orchestra using the Myo Armband through arm gestures controlling instrumentals on various devices through bluetooth
- Sent gesture commands to instrumental devices via Socket.io
- Won best overall project at EngHack UWaterloo

ACTIVITIES

- **Velocity Technology Incubator** - A startup residence and mentorship program for entrepreneurial students
- **Athletics** - UWaterloo varsity tennis team captain and avid rock climber