ZACH SABIN

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Seattle, WA

WORK EXPERIENCE

Airbnb — Senior Software Engineer   *2019 - Present*

- Tech lead for team working on Airbnb customer phone support.
- Took Airbnb phone system through transformation from basic menu tree to flexible system that leveraged modern NLP, speech generation, and omnichannel approaches.
- Member of "future architecture" group spearheading initiative to redesign Airbnb customer support.
- Work mainly in Java, Ruby, and Typescript / React on Kubernetes

Everlaw — Full Stack Developer   *2016 - 2019*

- Joined as 10th engineer when company was 30 people.
- Worked across entire product, including developing a tool that clustered similar documents using modern machine learning techniques, allowing the user to visually explore their documents on the platform.
- Wrote internal social network for recognition and team management called "Fistbump"
- Worked in Java, Typescript, and Python

iRobot — Robot Software Engineering Intern   *Summer 2015*

- Worked on the remote presence team, building autonomously navigating video conferencing robots.
- Developed a tool for simulating input to robot and debugging robot location (SLAM) algorithm
- Programmed in C++ and Python, as well as using the QT framework

EDUCATION

Johns Hopkins University — BS in Computer Science   *Class of 2016*

- Minors in Philosophy and Robotics
- Captain of frisbee team and writer for school paper
- TA for advanced algorithms course

TECHNOLOGIES

Fluent — Typescript / Javascript, Java, Ruby, Python

Competent — Kubernetes, React, Rails, Django, Spring, Spark, SQL, Dojo, Basic NLP

VOLUNTEERING

Big Brother Big Sister
- "Big Brother" for BBBS in the Seattle area.
- I mentor a fifth grader, going on various outings and working through challenges.