

REBECCA HSIEH

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Experience

Software Engineer, **Cisco**

July 2017 - July 2020

Golang, Swagger, Git, Docker, Postman

- Developed and documented multiple RESTful APIs across multiple microservices within the Multi-Cloud Management Platform team
- Collaborated with multiple teams to integrate their cloud services into our product
- Led the mitigation of high priority incidents while being on-call with quick escalation and response times
- Won LEAP Award in User Experience for collaboratively designing and developing a backend workflow for users to navigate cloud resource provisioning

Bioinformatics Research Student, **Jagodzinski Lab**

June 2016 - June 2017

Bash, Python, C++

- Manipulated amino acids in a protein structure for DNA sequencing utilizing C++
- Parsed and transformed Protein Database Bank (PDB) text files
- Developed backend automation process with bash scripting

Software Engineering Intern, **Milliman**

June 2016 - September 2016

Node.js, React, d3.js, vega

- Utilized Node.js and React to create customer dashboards for cost aggregation and care management on the MedInsight tool
- Enabled interactive data visualizations on the analytics layer by employing d3.js and vega

Languages and Skills

Languages: Golang, Python, Java, C

Tools: Git, Docker, Postman, Swagger

Education and Research Publications

Computer Science, B.S. with Minors in Math and Chinese

Western Washington University, Class of 2017

- Roshanak Farhoodi, Max Shelbourne, Rebecca Hsieh, Nurit Haspel, Brian Hutchinson, and Filip Jagodzinski. **Predicting the Effect of Point Mutations on Protein Structural Stability.** ACM-BCB'17: ACM International Conference on Bioinformatics, Computational Biology, and Health Informatics (ACM Digital Library).
- Erik Andersson, Rebecca Hsieh, Howard Szeto, Roshanak Farhoodi, Nurit Haspel and Filip Jagodzinski. **Assessing How Multiple Mutations Affect Protein Stability Using Rigid Cluster Size Distributions.** Proceedings, IEEE ICCABS, 2016.

Leadership

Partnerships Lead, **ChickTech Bay Area**

August 2017 - January 2019

- Coordinated monthly hands-on technology related workshops
- Organized the 2018 Hackathon for low income and underprivileged students in the Bay Area