

REBECCA HSIEH

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Experience

Software Engineer, **Cisco**

July 2017- Present

Golang, Swagger, Git, Docker, Postman

- Developed RESTful APIs in Golang and Swagger across multiple microservices within the Multi-Cloud Management Platform team
- Collaborated with multiple teams to integrate their cloud services into our product
- Received recognition for taking initiative within the team and exceeding expectations in order to mitigate high priority incidents
- Integrated testing strategies and raised test coverage for services

Bioinformatics Research Student, **Jagodzinski Lab**

June 2016 – June 2017

Bash, Python, C++

- Generated multiple amino acid substitutions utilizing C++
- Parsed and manipulated Protein Database Bank (PDB) text files
- Developed backend automation process with bash scripting

Software Engineer Intern, **Milliman**

June 2016 – September 2016

Node.js, React, d3.js, vega

- Developed front end of web application with Node.js and React
- Built interactive data visualizations with d3.js and vega

Education

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

Western Washington University | Graduated June 2017

Languages and Skills

Languages: Python, Golang, Java, C

Tools: Git, SVN, Linux, Docker, Postman

Research Publications

- 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.

Achievements

- Won LEAP Award in User Experience for helping design and develop a backend workflow for users to easily be able to navigate cloud resource provisioning