Takao Shibamoto

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Objective   Actively looking for a full-time position starting January 2020.

Education   **Iowa State University**, Ames, IA | Expected Graduation in Dec '19
- **Major**: **Bachelor of Science in Computer Engineering**
- **Minor**: **Cyber Security**
- **GPA**: 3.82 / 4.0
- **Honors**: Top 2% of Engineering Department, Tau Beta Pi, Phi Kappa Phi, IEEE
- **Coursework**:
    - Network Security, Ethical Hacking, Cryptography
    - Big Data Analytics (SQL, MDX, Predictive Analysis, Hadoop, Spark, Streaming)
    - Digital Logic (worked as a tutor)
    - Embedded Systems (worked as a lab TA)

Work Experience

Software Engineer Intern
PayPal, Inc., San Jose, CA | May '19 - Aug '19 & May '18 - Aug '18
- Developed web applications (Python, React, Angular) to automate internal firewall ticket process.
- Decreased the waiting time by 3-5 times.
- Deployed the applications on Linux VM for production uses, collaborating with other teams.
- Suggested and implemented automated deployment/testing using Git and Docker.
- Developed scripts to automate various firewall/panorama operations.
- Learned how to troubleshoot network issues using network security devices such as Palo Alto Networks Firewall, Splunk, and Logic Monitor.

Software Research Assistant
Vollbrecht Molecular Biology Lab, Iowa State University | May '17 - May '18
- Developed Primer Server (primer-server.gdcb.iastate.edu) PCR design web application with a PhD student (Python, Angular).
- Developed Google Sheet Addon that helps organize seed samples which is used by several geneticists across nation.
- Presented the work at National Conference on Undergraduate Research

Projects and Awards

Care Taker, Best Internet-of-Things Hack Prize | HackISU Fall 2017
- Proof-of-concept Implementation of an online pill alert system

Smart RL Bot, Wolfram Alpha Prize | MadHack Fall 2018
- Self-learning bot for a game called Rocket League

Cyber Defence Competitions | Feb' 18 - Present
- Led a blue team and competed with 20+ teams

Genomic Selection Simulator | Jan '17 - May '17
- Plant breeding simulation using genome information

Bootstrap 4 Jekyll Theme - Bootstrap 4 theme for Jekyll (static site generator)

ACM Programming Contest, local programming competition at Iowa State University | Oct '17 - Present
- Second Prize: 2018, First Prize: 2017

Skills   Languages: Python, JavaScript, SQL, Bash, C/C++, Java.
Tools/Frameworks: Linux, Flask, React, Angular, Firewalls, Docker, MySQL, MongoDB