

Seiji R. Takagi

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Objective: Seeking an internship in the summer of 2020 and a full-time position for Nov. 2020

Education: **Bachelor of Science, Computer Science and Mathematics** **November 2020**
Rose-Hulman Institute of Technology – Terre Haute, IN GPA 3.0/4.0

- *Honors:* Leader of the Year (2017-18), Involvement Award (2017-19), Dean's list (x4)
- *Related Courses:* Software Design; Data Structures & Algorithms; Computer Security; Financial Mathematics; Econometrics; Linear Algebra; Probability; Operating Systems

- Skills:**
- *Languages:* Proficient with Python, Java, C#, C, T-SQL, PowerShell, and Bash scripting; familiar with JavaScript, Visual Basic, and R
 - *Development Tools:* Git, Visual Studio, Jira, and Enterprise Architecture
 - *Systems Administration:* IIS, Windows Server, Azure, Office 365, and SharePoint
 - *Security Tools:* Wireshark, John, and Kali Linux; familiar with Burpsuite and IDA

Internships: **Systems Engineer Intern** | *Collins Aerospace* | Cedar Rapids, IA *June – Aug. 2019*
On the Product Line Security team in the Navigation division of Mission Systems

- Documented a software verification tool by reverse-engineering the tool's design
- Contributed to a white paper on designing the product to meet certification requirements

Software Development Intern | *Healthx* | Indianapolis, IN *May – Aug. 2018*

- Gained experience in backend (ASP.Net), and frontend (JavaScript, Ajax) development
- Built upon and resolved bugs in a large 20-year-old legacy codebase
- Participated in the sprints of a scrum-style agile development team

Experience: **Supervisor** | *AskRose Homework Help* | Rose-Hulman *Sept. 2016 – Current*

- Oversee 15 to 30 tutors at the call center, resolving issues as they occur
- Provide over-the-phone tutoring in STEM subjects to middle and high school students

Teaching Assistant and Lecturer | *Practical Security* | Rose-Hulman *Sept. 2017 – Feb. 2019*

- Helped teach a course on introductory computer security topics to 30 to 50 students
- Lectured on topics such as Linux, Wireshark, cryptography, and steganography

Service Desk Attendant | *Enterprise IT* | Rose-Hulman *Mar. 2017 – Current*

- Provide assistance with computer, network, and telephone related problems
- Troubleshoot and repair first-level software and hardware issues

Projects: **Student Government Treasury Accounting App** | *Database Systems* | Rose-Hulman *Apr. – May 2018*

- Developed an ASP.Net web accounting application with a SQL database
- Worked with the Student Government to fulfill their business needs

University Hospital Asset Tracking | *Computing in a Global Society* | Uppsala, Sweden *Dec. 2017*

- Researched an asset-tracking solution for Uppsala University Hospital
- Collaborated with an international team of Uppsala University and Rose students

Leadership:

- Society of Asian Scientists and Engineers, *Vice President & Conference Chair* *Apr. 2018 – Current*
- Computer Security Club, *Secretary* *Mar. 2017 – Current*
- Career Services and Employer Relations Student Team, *Co-Chair* *Apr. 2017 – Current*
- Kappa Theta Pi (Professional Technology Fraternity), *Vice President* *Mar. 2018 – Current*
- Rose-Hulman Hackers, *Vice President* *Feb. 2018 – May 2019*
- Student Government Association, *Treasurer* *Dec. 2017 – Mar. 2019*