

# MatthewAnderson

computer science & japanese student

## about

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## programming

C/C++, C#, Java  
Python, Ruby  
PostgreSQL, MySQL  
Laravel, HTML, CSS

## education

2017 – 2021 Pursuing **B.S.** in Computer Science  
*Turing Scholars Program*

University of Texas at Austin

Pursuing **B.A.** in Asian Studies (Japanese)  
*Overall GPA: 3.34*

## experience

2019 – 2021 **Tokyo Electron US**

Software Applications Engineer Internship

*Electronics and Semiconductor company*

- Developed an application for viewing the information from physical simulations in Python (using Qt)
- Benchmarked different operating systems seeking performance gains for physical simulations
- Optimizing and adding functionality of in-house Monte Carlo Simulation for chip development (*In Progress*)

2015 – 2018 **Rivet Networks**

Software Engineering Internship

*Software and Wireless card company*

- Handled bug fixing and language localization for their Killer Control Center software in C#
- Developed tools to automate build processes in C#, Java, and Python
- Developed tool to automate generation of localization resource files in Python (using Qt)
- Modified network testing software written in Python (e.g. Netperf)
- Updated design of company website in HTML and CSS

## classes

### Taken

Principles of Computer Systems *Honors*  
Computer Organization and Architecture *Honors*  
Network Security and Privacy *Honors*  
Data Structures and Algorithms *Honors*  
Discrete Mathematics *Honors*  
Algorithms and Complexity  
Data Management