Will Mitchell

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Objective

To gain a full-time position as a Software Engineer.

Education

Georgia Institute of Technology   **Atlanta, GA**

Bachelor of Science in Computer Science (Expect to graduate Fall 2018)   *August 2014 - Present*
- Focusing on Devices and Information Internetworks

Skills

Languages: Java, Python, JavaScript, PHP, jQuery, Ruby on Rails, Node.js,
Applications: pSQL, Restful API's, ZSH, VIM, Splunk, Photoshop, Multiple CI environments, nginx, Apache

Experience

Nerd Werx   **Atlanta, GA**

Middleware Engineer – Co-op   *Summer 2016 - Present*
- Worked as a middleware engineer working with production code for a variety of retail clients
- Led multiple client requested projects that spanned the entire stack
- Helped assist other engineers with bug duty to fix issues that arose on the live site
- Planned and executed a cyber security education initiative and exercise enterprise wide

Georgia Tech Office of Information Technology   **Atlanta, GA**

Cyber Security Student Assistant – Cyber Security Department   *Spring 2016 – Winter 2016*
- Evaluated emerging security risks to campus and drafted reports on combat and prevention
- Dealt with daily threats to the network to isolate and contain infected systems
- Worked to expand and plan the campus wide switch to Duo Factor authentication
- Learned about computer forensic techniques for combating cyber crime

Projects

House Manager   *Spring 2017 – Present*
- Self-educated in Ruby on Rails to create a web app that could handle all aspects of running a fraternity
- Managed the data for 100 fraternity members and is updated constantly with new features
- Wrote tools allowing for easier deployment of code to my production environment
- Utilized CI tools to ensure that every build and deployment was up to standard

Netcode Simulator   *Fall 2017*
- Used python to write a simulation of a video game server managing packets and game states
- Allowed for multiple different user settings for accurate simulation

Reddit Parser   *Spring 2017*
- Tracked reddit post growth over time to analyze content patterns
- Decreased runtime by a factor of four through utilization of multithreading

Dotfiles   *Summer 2016 - Present*
- Compiled all commonly used dotfiles into a repo for easy distribution among systems
- Wrote a shell script to auto install ZSH and all of my favorite Vim plugins