Mac Chaffee

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EDUCATION

North Carolina State University   GPA: 4.0
Bachelor of Computer Science
Anticipated December 2019

Elective Courses:
- Cloud Computing, Networking, Software Security, and Data Analysis

EXPERIENCE

Software Engineering Intern at Inmar   2018-2018
- Built a scalable and fault-tolerant chat bot that processes rebates
- Improved .NET build times by 38%
- Learned C#, AWS, Python, Docker, and OpenCV (Computer Vision)

Software Engineering Co-Op at Honeywell   2016-2017
- Built the data pipeline of a $100M application that detects electricity theft
- Sped up tests 3.5x while increasing coverage by 20%
- Optimized our most common query to be 13x faster
- Learned Python, Django, Kubernetes, Celery, and SciPy

PERSONAL PROJECTS

Hackathon Award Winner (github.com/mac-chaffee/pachkacks2019)   Apr 2019
- Built an app that reminds you to use your gift card when you walk into a store
- Won 3rd place overall
- Learned about Android development and Google APIs

CrowdSort (gitlab.com/mac-chaffee/crowdsort)   Jan 2018
- Developed a satirical website where users sort random data
- Learned Elixir (functional programming), Phoenix, and WebSockets

Hackathon Entry (gitlab.com/mac-chaffee/vrm)   Nov 2017
- Built an Alexa skill to monitor server CPU and RAM usage
- Learned Go, Python, Lambda, and DynamoDB

Hackathon Award Winner (github.com/mac-chaffee/candidata)   Oct 2016
- Designed a site that compares political candidates using data from three APIs
- Won the prize for "Coolest Web App"

Small Business Website (github.com/mac-chaffee/asapt-site)   Oct 2016
- Built a website to a client's specs and a designer's mockup
- Learned PHP, CSS, WordPress, and MySQL

NCSU Menu Notifier (ncsu-mn.com/about)   Aug 2016
- Architected a site to text notifications about dining hall menus
- Pitched the website to the director of NC State Dining
- Implemented high code coverage, test-driven development, CI, and CD