

MAC CHAFFEE

GitHub & GitLab: [mac-chaffee](#)

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EDUCATION

North Carolina State University (Raleigh, NC) GPA: 4.0
Bachelor of Computer Science
Anticipated May 2019

EXPERIENCE

Software Engineering Co-Op at Honeywell (Raleigh, NC) 2016-2017

- Sped up tests 3.5x while increasing coverage by 20%
- Optimized our most common query to be 13x faster
- Built a microservice for a \$100 million application

SKILLS

Proficient Python

Familiar JavaScript • Java • Elixir • C • SQL • Go

Tools Docker • Kubernetes • Heroku • AWS • Jenkins • GitLab CI • Jira

Other Agile (Scrum) • Test-Driven Development

PERSONAL PROJECTS

NCSU Menu Notifier (ncsu-mn.com/about) Aug 2016

- Texts students when the dining hall is serving their favorite dishes
- High code coverage, test-driven development, CI and CD
- Python, Django, PostgreSQL, d3.js, and Twilio

Small Business Website Sep 2016

- Built a website to a client's specs and a designer's mockup
- Learned how to convert plans to code
- WordPress and MySQL

HackNC 2016 Award Winner (candidata.herokuapp.com) Oct 2016

- Compares political candidates using data from three different APIs
- Won a prize for "Coolest Web App"
- Python, Django, and PostgreSQL

HackNC 2017 Entry (gitlab.com/mac-chaffee/vrm) Nov 2017

- Alexa skill which monitors the CPU and RAM usage of a cluster of servers
- Python, Go, Lambda, and DynamoDB

CrowdSort (gitlab.com/mac-chaffee/crowdsort) Jan 2018

- Satirical website where users sort random data
- Learned about functional programming
- Elixir, Phoenix, and WebSockets