

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 Spring 2020

EXPERIENCE

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

- **Project: Meter Data Website**
 - Load, store, and graph 1.1 billion of rows of meter data
 - Django, Celery, Bootstrap, Heroku
- **Project: Electricity Theft Detection**
 - Connected multiple microservices to a machine learning engine
 - Django Rest Framework, SciPy, Docker, Kubernetes

SKILLS

| | |
|-------------------|--|
| Proficient | Python |
| Familiar | JavaScript • Java • C • HTML • CSS/Sass • SQL |
| Tools | Docker • Kubernetes • Heroku • AWS • Jenkins • GitLab CI • Nginx |
| Other | Agile (Scrum) • Test-Driven Development |

PERSONAL PROJECTS

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

- Texts users when the dining hall is serving their favorite food
- Django, Postgres, d3.js, Beautiful Soup, and Twilio
- High code coverage, test-driven development, and continuous integration

Website for a Small Business (asaphysicaltherapy.com)2016-Current

- Communicated with a client and a professional designer
- WordPress and MySQL

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

- Delivered a website using three political data APIs in 24 hours
- Won a sponsor prize

Personal Website (macchaffee.com) Fall 2017

- Static website and blog built with Jekyll, Sass, and JavaScript
- Hosted with AWS S3 and CloudFront
- Fully cached for offline use