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

- **Project: Meter Data Website**
    - Load, store, and graph 1.1 billion of rows of meter data
    - Django, Celery, 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 • Elixir • C • SQL • Go
Tools	Docker • Kubernetes • Heroku • AWS • Jenkins • GitLab CI • Phoenix
Other	Agile (Scrum) • Test-Driven Development

PERSONAL PROJECTS

NCSU Menu Notifier (ncsu-mn.com/about) 2016-Current
- Texts students when the dining hall is serving their favorite dishes
- Python, Django, Postgres, d3.js, 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)... Oct 2016
- Presents data from three political data APIs on related issues
- Won a sponsor prize

HackNC 2017 Entry (gitlab.com/mac-chaffee/voice-resource-monitor)........................... Nov 2017
- Alexa skill which monitors the CPU and RAM usage of a cluster of servers
- Python, Go, Lambda, DynamoDB

Crowdsort (gitlab.com/mac-chaffee/crowdsort) ....Jan 2018
- Satirical website where users upload unsorted data and other users sort it
- Elixir, Phoenix, WebSockets