

# MAC CHAFFEE

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

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## EDUCATION

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

## EXPERIENCE

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**Software Engineering Co-Op at Honeywell** ..... 2016-2017

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

**Software Engineering Intern at Inmar** ..... 2018-2018

- Created a new highly scalable and fault tolerant rebate application
- Integrated with existing services to drive revenue

## SKILLS

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**Proficient**      Python

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

**Other Tools**    AWS • Docker • Kubernetes • Jira

## PERSONAL PROJECTS

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**NCSU Menu Notifier** ([ncsu-mn.com/about](http://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, Heroku, d3.js, and Twilio

**Website for a Small Business** ..... Sep 2016

- Built a website to a client's specs and a designer's mockup
- PHP, CSS, WordPress, and MySQL

**HackNC 2016 Award Winner** ([candidata.herokuapp.com](http://candidata.herokuapp.com)) ..... Oct 2016

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

**HackNC 2017 Entry** ([gitlab.com/mac-chaffee/vrm](http://gitlab.com/mac-chaffee/vrm)) ..... Nov 2017

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

**CrowdSort** ([gitlab.com/mac-chaffee/crowdsort](http://gitlab.com/mac-chaffee/crowdsort)) ..... Jan 2018

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