

Mac Chaffee

GitHub & GitLab: mac-chaffee

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EDUCATION

North Carolina State University

GPA: 4.0

- Bachelor of Computer Science
- Graduating December 2019

Elective Courses

- Cloud Computing, Networking, Software Security, and ML/Data Analysis

EXPERIENCE

Software Engineering Co-Op at Cisco

05/19 - 11/19

- Deployed an 11-node, multi-master Kubernetes cluster
- Awarded "Connected Recognition" for discovering a critical security bug

Software Engineering Intern at Inmar

05/18 - 08/18

- Built a scalable and fault-tolerant chat bot that processes rebates
- Improved .NET build times by 38%
- Learned C#, AWS, Python, Docker, and OpenCV

Software Engineering Co-Op at Honeywell

05/16 - 12/17

- Built the data pipeline of a \$100M web app 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)

04/19

- Built an app that reminds you to use gift cards when you walk into a store
- Won 3rd place overall
- Learned about Android development and Google APIs

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

01/18

- Developed a satirical website where users sort random data
- Learned Elixir, Phoenix, and WebSockets

Hackathon Award Winner (github.com/mac-chaffee/candidata)

10/16

- Designed a site that compares political candidates using data from three APIs
- Won the prize for "Coolest Web App"

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

08/16

- 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, and CI/CD