

Nathan Shirley
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919-441-7033

EDUCATION:

North Carolina State University, Raleigh, NC
Bachelor's Degree in Computer Science 2016
Major GPA: 3.96 Overall GPA: 3.75

SKILLS:

Golang, Javascript, Python, Java, C, Tensorflow, OpenGL, React, Postgres, Cassandra, FFMPEG, Circle CI, Jenkins, Linux, HTML, CSS, Full Stack web apps, Android app development, Communication, Leadership

PROFESSIONAL EXPERIENCE:

Novetta

June 2016 – Present

Southern Pines, NC

- Team Lead for Link Analysis application leading up to 6 other developers in an agile environment, managing timelines, gathering requirements and interacting with customers.
- Used Golang, Postgres, and React on full stack web applications including video streaming and editing, 3d rendering, mapping, graph visualization and analysis, data processing, and network routing
- Integrated a variety of technologies to create whatever application was requested by the customer
- Deployed and managed live applications in multiple production environments including database migrations and bi-weekly updates

Facebook Internship

May 2015 – August 2015

Menlo Park, CA

- Worked as a software engineering intern on Facebook's Search team
- Implemented a machine learning algorithm to improve search ranking
- Used a variety of languages (PHP, Javascript, Python, C++)
- Designed a tool to help improve effectiveness of a widely used machine learning pipeline used billions of times daily

Oracle Co-op

May 2014 – December 2014

Raleigh, NC

- Worked as a software engineering co-op for Oracle
- Designed and implemented automated tests and tools for telecom database servers.
- Worked extensively in a Linux environment.

COMPETITIONS:

1st and 2nd place in company Advent of Code competition (2017, 2018), Competed in Halite 1, 2, and 3 placing in Gold Tier twice (top 10%), 5 time Ludum Dare and Global Game Jam participant, Placed 1st in Microsoft programming competition Fall 2014, Placed 3rd in NCSU programming competition Fall 2013 and 4th in Spring 2014, Placed 4th Nationally at the Technology Student Association Video Game Design Competition

WEBSITE: <https://natethegreat2525.github.io/>

GITHUB: <https://github.com/natethegreat2525>