

Nicholas White

COMPUTER SCIENCE MAJOR · SOFTWARE ENGINEER · UNIVERSITY AT BUFFALO

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About Me

I am currently a student at University at Buffalo interested in all things tech. I particularly love full stack development and the feeling of speed hacking a project together from beginning to end. I've been exposed to dozens of software stacks and I've conducted cutting edge research.

Experience

Horizns Consulting

Buffalo, New York

INDEPENDENT CONSULTANT)

Mar. 2018 - Present

- Working on software projects for various companies
- Lead developer in all things javascript

National Center for Supercomputing Applications

Urbana-Champaign, IL

RESEARCH FELLOW

May. 2018 - July 2018

- Worked as a member of LIGO (The Laser Interferometer Gravitational-Wave Observatory) implementing a new gravitational waveform model in LALSuite (The LSC Algorithm Library Suite)
- Member of NCSA Gravity Group - Conducted research searching for eccentric signals in observed gravitational wave events

Canisius College

Buffalo, New York

COMPUTER SCIENCE TUTOR

Jan. 2017 - May. 2018

- Taught students fundamental concepts of computer science | computer programming
- Assisted in problem solving and debugging of large scale projects

Barstool Sports

New York, New York

FULL STACK DEVELOPER INTERN

May 2017 - Aug. 2017

- Worked on a scrum team alongside six other programmers
- Helped transition the site from PHP and Wordpress to single page React App on lambda with NodeJS API
- Built simple data app in python that scored company bloggers based on likes and views

Projects

BNMC Job Board

Buffalo, New York

BUFFALO NIAGARA MEDICAL CAMPUS

Mar. 2018 - May. 2018

- Developed a web application for Buffalo Niagara Medical Campus that analyzes purchase order data from multiple organizations and provides feedback using ChartJS

Turtlebot Robotics

Buffalo, New York

UNIVERSITY AT BUFFALO

Sep. 2017 - Dec. 2017

- Worked as member of a four person research team
- Implemented turtlebot autonomy using ROS and Linux

Rubric Calculator

Buffalo, New York

CANISIUS COLLEGE

Sep. 2017 - Dec. 2017

- Built a web application using the MERN (MongoDB, Express, React, Node) stack that is capable of producing dynamic interactive rubrics to make the grading process more organized and simple for professors
- Designed a custom REST API to help store and retrieve information regarding professors, classes, students, users, and grades

Skills

Programming Javascript, Python, C/C++, Unix/Linux

Analytics MySQL, NoSQL, R

Web / Media HTML/CSS, React, Ember, Angular, Ionic, Adobe Photoshop, Final Cut Pro, Logic Pro X