Nicholas **White**

COMPUTER SCIENCE MAJOR · SOFTWARE ENGINEER · UNIVERSITY AT BUFFALO

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About Me

Programming C/C++ · NodeJS · Python · Java · Unix/Linux
Analytics SQL · NoSQL · R · Matlab
Web / Media Express · Flask · HTML/CSS/JavaScript · React · Angular · Photoshop

Experience

Horizns Consulting
Amherst, New York

INDEPENDENT CONSULTANT
Mar. 2018 - Aug. 2018

- Worked as the lead JavaScript developer on multiple projects utilizing front end frameworks such as React, Ionic, and Angular and database technologies such as SQL and MongoDB
- Communicated directly with customers to ensure satisfaction with the product throughout the entire development process
- Worked directly with deployment to Heroku and Amazon Web Services

National Center for Supercomputing Applications
Urbana-Champaign, IL

RESEARCH FELLOW - GRAVITY GROUP
May. 2018 - July 2018

- Worked as a member of The Laser Interferometer Gravitational-Wave Observatory implementing a new gravitational waveform model in The LSC Algorithm Library Suite
- 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 and assisted in debugging/problem solving
- Developed grading software for the Core Curriculum Committee capable of producing dynamic, interactive rubrics. The software also stored user, class and professor data and provided statistical feedback.

Barstool Sports
New York, New York

FULL STACK DEVELOPER INTERN - WEB TEAM
May 2017 - Aug. 2017

- Helped transition the company site from PHP and WordPress to a single page React application
- Built a simple data scraping application with python that scored company bloggers based on likes and views

Projects

Academic Live Chat

- Developed a free video chat service using web sockets that pairs two individuals interested in discussing the same academic subject

BNMC Job Board

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

Turtlebot Robotics

- Helped assemble original turtlebot hardware/software from scratch including the raspberry pi, asus camera, and initial installation of both Linux and ROS
- Worked through ROS tutorials and implemented turtlebot mapping and navigation along with autonomous driving

Education

Canisius College
Buffalo, New York

B.S. COMPUTER SCIENCE
Sep. 2015 - May. 2018

- **Noteworthy Coursework** Data Structures · Automota and Algorithms · Computer Hardware · Large Scale Programming Distributed Computing · Discrete Mathematics · Software Engineering · College Calculus 1

University at Buffalo
Buffalo, New York

B.S. COMPUTER SCIENCE
Sep. 2018 - Present

- **Noteworthy Coursework** Programming Languages · College Calculus 2 · General Physics 1