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
- Created several react components, modified API routes, and resolved multiple website issues/bugs
- Built a data scraping application with python that scored company bloggers based on likes and views

Projects

BNMC Job Board
- Web application for BNMC that analyzes purchase order data from multiple organizations and provides feedback using Chart JS

Whip
- Service that utilizes multiple APIs to provide uber/lyft drivers with visual data regarding the best times and locations to work

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

Turtlebot Robotics
- Assembled turlebot hardware and used ROS libraries to implement autonomous navigation

HACKATHONS

2018	**Finalist**, Third Place Prize - University at Buffalo	*UB Hacking*
2018	**Google Award**, Best use of Google Cloud Platform in project - University of Rochester	*Dandy Hacks*
2018	**FactSet Award**, Best use of different APIs in project - University of Rochester	*Dandy Hacks*

Education

University at Buffalo
Buffalo, New York

B.S. COMPUTER SCIENCE — *Sep. 2015 - May 2020*

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