

Michael Nicholas

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EDUCATION

University at Albany, State University of New York, Albany, NY

May 2020

Bachelor of Arts in Computer Science

Minors: Business and Informatics

GPA: 3.820

TECHNICAL COMPETENCES

Proficient: Java, PHP, MySQL/MySQL Workbench, GitHub, Git

Intermediate: Python, HTML, CSS, Javascript, Windows XP/7/8/10, Heroku Web Hosting, Eclipse, Slack/Collaboration Platforms

Beginner/Used in the Past: Bash, Oracle VirtualBox, Unix Systems, C, x86Assembly (MIPS), NoSQL, Microsoft Access, GIMP2, Sony Vegas, Audacity, Brackets, Angular/Typescript

WORK EXPERIENCE

Software Engineer Intern at Beemo

March 2020-April 2020

FH Münster - University of Applied Sciences - Ubiquitous Computing and Human-Computer Interaction

- Worked on a small, international team of software engineers in Germany to learn about and develop various projects through the UAS7 internship study program via collaboration with Beemo software engineering laboratory
- Assigned to contribute directly towards updating the driver window for Fischertechnik, a brand of construction toys used to teach about engineering principles and simple machines, using a mix of web technologies such as Angular, HTML, CSS, etc.
- Strengthened valuable software engineering principles, including team structure and expectations such as scrums and meetings, incremental development-centric tasks, learning new languages on the fly, and stages of development beyond coding such as product research and planning

Academic Tutor for Informatics

January 2018-December 2019

Advising Plus & Academic Support, University at Albany

- Sole informatics tutor for both Programming for Problem Solving and Introduction to Web Technologies
- Hold walk in office hours three hours a week to aid students in Python, HTML, Javascript, and CSS
- On-call for students to schedule one-on-one appointments outside of allotted hours

Seasonal Sortation Associate

May 2019-July 2019

Amazon Logistics, Bethpage, NY

- Divert, sort, and stow packages up to 49lbs based on size and destination in competitive overnight schedule
- Managing package information with on hand cellular devices and mass loading using different pallets
- Working with up to 100,000 packages within an 8 hour period, averaging 215 packages stowed an hour

RELEVANT PROJECTS

- Personal project to plot out player-character data and statistics using Riot Game's developer API, including sortable and togglable information and storing user data within a MySQL database
- Group project to create a next generation asset portfolio management application with new deliverables tacked on as time progresses, all the while in competition with other groups to impress and bid for consumer at intermittent stages
- Library database with check in/check out information, user/admin data and frontend usability using Wampserver
- Worked in groups to create our own Linux-based operating system within a virtual machine environment

HONORS/ACHIEVEMENTS

- Dean's List August 2016-Present
- Presidential Scholarship August 2016-Present
- Honor's College at University at Albany August 2016-May 2018

VOLUNTEER WORK

- Helped remove invasive species with North Shore Land Alliance at Hope Goddard Iselin Preserve January 2020-January 2020
- Raised over \$200 for St. Jude Children's Research Hospital through St. Jude Play Live May 2018-June-2018
- Facilitated the construction of a memorial garden at South Side High School May 2016-July 2016