

Michael Nguyen



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EXPERIENCE

Cognosante

June 2018 - Present

Technology Analyst
Research and Development

Help develop one of R&D's in-house applications that delivers health providers and care managers with real-time patient data using React.js, JavaScript, and Node.js modules. Build unit tests and work on bug fixes. Collaborate in a dynamic team of developers and QA testers.

Network Refresh Support Staff

2015 - 2018

Student Staff Assistant
UMD, Department of IT

Assisted in upgrading and documenting campus-wide phone network. Executed various organization projects and tasks across campus buildings. Supported management with various administrative tasks.

Neptune Films

2015 - Present

Videographer/Editor
vimeo.com/neptunemedia

Started a part-time freelance videography company. Create short films and promotion videos for local clients and friends

Civil Engineering IT Department

IT Assistant

2014 - 2015
UMD, Department of IT

Assisted in solving IT issues for the Martin Hall, Civil Engineering building. Maintained the organization and documentation of department hardware and software.

PROJECTS

Stock Sentiment Predictor (November 2018)

- Applies the KNN algorithm and historic weekly stock data from yahoo finance to predict stock sentiment and movement. (Python)

Audio Visualizer (May 2018)

- An audio visualizer using Javascript and Three.js. Using the Web Audio API, the program analyzes frequency data from an AnalyserNode and displays a specific color hue and block height based on the interpreted frequency. (HTML, CSS, JavaScript, Three.js)

Personal Website (January 2018)

- A personal website created in early 2018. This was one of my first web applications and introduced me into web development. (HTML, CSS, JavaScript)

EDUCATION

University of Maryland, College Park

Bachelors of Science in Computer Science
Minor in Philosophy
Expected Graduation: December 2018

ORGANIZATIONS

Green Greeks Sustainability Club

President

2016- 2018

COURSEWORK

Computer and Network Security
Artificial Intelligence
Introduction to Numerical Analysis
Algorithms
Computer Vision
Object-Oriented Programming
Discrete Structures
Linear Algebra

TECHNICAL SKILLS

Languages/Tools

Java	Adobe Photoshop
Python	Adobe Xd
C	Final Cut Pro X
JavaScript	Agile development
React.js	
Unix	
Git	