Sean O'Hare

Email: seanohare@link.cuhk.edu.hk | **Phone (US):** +1-517-507-4579 | **Phone (HK):** +852-6975-2780
LinkedIn: https://www.linkedin.com/in/sean-ohare/ | **GitHub:** https://github.com/seanohare98 | **Site:** http://seanohare.io

EDUCATION

The Chinese University of Hong Kong | Hong Kong *Aug 2018 – (Expected December 2020)*
B.S. in Computer Science (Data Analytics Stream) | *University Scholarship, Faculty of Engineering Scholarship*
GPA: 3.2/4.0 *w/ Honors at Entrance*

Michigan State University | East Lansing, MI *Aug 2016 – Aug 2018 (Transferred)*
B.S. in Computer Science, Minor in Chinese Language (Completed) | *Dean's List (Fall '16, Spring '18)*

Relevant Coursework: Data Structures, Operating Systems, Programming II, Digital Logic and Systems, Probability and Statistics, Discrete Structures

WORK EXPERIENCE

MSU Information Technology | East Lansing, MI *May 2018 – Aug 2018*
IT Intern

- Built and deployed a web app using HTML/CSS/JavaScript/Node.js/Express to aid in management of a campus-wide mail/systems migration project by posting weekly schedule and progress notifications
- Wrote several PowerShell scripts to execute Active Directory queries and user management functions
- Managed weekly Excel spreadsheets containing migration wave plans and positions for 25 other interns

Time Out Shanghai | Shanghai, China *Jun 2017 – Aug 2017*
Editorial Intern

- Published self-authored blog posts and edited dozens of pages on the Time Out Shanghai website, using HTML/CSS, through the company's custom CMS

SKILLS

Languages: C, C++, Java, HTML/CSS, JavaScript, SQL, Bash, PowerShell
Libraries/Frameworks/Technologies: jQuery, MongoDB, Node.js, Express, RESTful APIs, Unit Testing
Tools/Other: Git/GitHub, Heroku, Content Management Systems, Adobe Photoshop, Excel, Mandarin (Fluent)

PROJECTS

Hospital API (REST API)

- Node.js/Express/MongoDB-based REST API with Mocha/Chai Unit Tests and Documentation
- Used Mongoose queries and asynchronous functions to handle appointment booking and doctor lookup

MSU Migration Site (Full-Stack Web App)

- Displayed weekly plans for 25 technical staff members using HTML/CSS/JavaScript on front-end
- Used Node.js and Express to implement server-side logic by adding a student lookup functionality
- Deployed on Heroku

AVL Tree (Data Structure)

- Used C++ to implement a self-balancing AVL tree with recursive insertion and predecessor-query algorithms

INTERESTS

The Chinese University of Hong Kong/Michigan State University Track and Field *Sep 2017 - Present*

- Dedicated 20+ hours weekly to a Big Ten athletic program's training regime and NCAA DI meets