

MICHAEL YEH

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🌐 ImMichaelYeh.github.io
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📍 San Diego, CA
👤 ImMichaelYeh

Skills

CODING LANGUAGES

ARM Assembly
Batch
C
C#
C++
Java
Julia
Python
R
Unix Shell

DEBUGGING TOOLS

AssertJ
GDB
JDB
JUnit
Mockito
Python DocTests
Valgrind

MISCELLANEOUS

3D Modeling
3D Printing
Android Studio/App Development
Fusion360
Git/GitHub
IntelliJ
JavaFX
Liquibase
Mathematics
REST
Selenium
Spanish Language
Spring Boot
Visual Studio Code

WEB-DEVELOPMENT

Bootstrap
CSS
HTML 5
JavaScript

Education

University of California - San Diego
Bachelor's in Mathematics - Computer Science 2022
Graduated June 12th, 2022.

Sept. 2018 to June 2022

Employment

UnitedHealth Group/Optum Technology San Diego, CA
Full-Time Technology Development Program Associate July 2022 to Current

- Began working in the Optum Technology Senior Management division of Optum Technology on July 18th, 2022.
- My first 6-month rotation is in front-end software engineering.

Cubic Corporation - Cubic Transportation Systems San Diego, CA
Java Agile Scrum Team Intern June 2021 to Sept. 2021

- Developed a test harness for the company to be able to test product features in a closed environment. The test harness utilizes REST API calls, an API proxy layer, web service layer, service layer, and database layer.
- Improved software build reports through managing and updating applications as well as fixing broken JUnit test cases.
- Achieved a better understanding of how to utilize GIT in an enterprise environment.
- Learned how to use the IntelliJ IDE and its integrated debugging and GIT tools.

UCSD Recreation La Jolla, CA
Archery Beginner and Intermediate Course Instructor Jan. 2022 to June 2022

- Acquired a Level 2 USA Archery Coaching Certification.
- Taught beginner and intermediate archers how to shoot according to the National Training System for archery.
- Made archery fun and exciting by giving archers personalized feedback so that they improved at a rapid rate!

Self-Employed 2014 to June 2022
Java, Python, and Math Tutor For College Students

- Created graphics and visuals to assist students in understanding topics covered in students' college courses through various graphics software such as Paint.net, Photoshop, and other course-related softwares.
- Helped students to complete assignments by advising students on appropriate techniques and algorithms to use based on the context and assignment both in person and online.

Projects

ImMichaelYeh.github.io June 2019 to Current

- This is my portfolio website that I created by hand!
- Written in Javascript, HTML, CSS, and Bootstrap.
- Contains extra information about me and projects I have done!
- Features projects written with Java, JavaFX, Selenium, and more!

Volunteering

USA Archery · Certified Archery Instructor/Coach Mar. 2020 to Current
University of California - San Diego
I am a part of the UCSD competitive archery team. Because I enjoy the sport so much, I decided that I wanted to get certified as a coach to further my knowledge of the sport and so that I can teach others the sport safely and correctly! With this skill, I have been able to guide new archers to be able to shoot better and enjoy the sport more on our field and other archery ranges!

Related Coursework

Computer Science Engineering Courses: CSE 11, 12, 15L, 30, 100, 101, 105

- Data Structures & Objected Oriented Design. (Java, C, and C++)
- Computer Organization & Systems Programming. (C and ARM Assembly)
- Software tools and techniques.
- Upper-division courses for advanced data structures, algorithm design and analysis, and theory of computation.

COGS 3: Front-End Development Tools (HTML, CSS, Bootstrap 4, JavaScript, Photoshop)

Mathematics Courses: MATH 20c-e, 103a&b, 109, 142a&b, 157, 170a&b, 183, 185, 157

- Honors differential, vector, and multi-variable calculus.
- Upper-division courses for field/group theory, mathematical reasoning, analysis, linear algebra, discrete math, combinatorics, and statistics.
- Upper-division courses for computational numerical approximation, cryptography, and machine learning.
- Upper-division course for mathematical software.