

Michael Wang

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Education

Stony Brook University Stony Brook, NY

August 2013-Present

B.S. in Computer Science, expected May 2017
Dean's List student with GPA of 3.68

Related Coursework:

- Data Structures
- Object-oriented Programming
- Software Design

Projects

Testing Center Scheduler

Currently leading a group of developers to design a UML document and build an Express Node.js web application using MongoDB for its database and Handlebars as its templating engine.

Journey through Europe

Created a graphical user interface with a MVC design pattern using the JavaFX framework. This game application features single and multiplayer options and allows players to save their progress.

UTF-8 text converter

Implemented a text encoding converter in MIPS assembly that reads a UTF-8 text file and rewrites the bytes in UTF-16 little and big endian encoding.

Java code formatter

A Java application that implements a string stack and uses it to read and format a text file containing Java source code to fit Java coding conventions.

Particle tree decay modes

A Java application that implements a particle tree class and uses it to read a text file containing particles and lists the decay modes of a requested particle.

Skills

Languages: Java, HTML5/CSS3, JavaScript
Frameworks/APIs: JavaFX, JQuery, Express
Databases: MongoDB
Development Tools: Linux terminal, Git, Eclipse, Netbeans