

Raymond Huang

<https://github.com/RayHuangRH>

<https://rayhuangrh.github.io>

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Location: Stony Brook, NY

EDUCATION

- **Stony Brook University** Stony Brook, NY
Bachelor of Science in Computer Science; GPA: 3.56 *Aug. 2017 - Present*

Relevant Coursework: : Introduction to Object-Oriented Programming, Data Structures, Foundations of Computer Science, Applications Design, System Fundamentals I, Introduction to the Theory of Computation, Principles of Database Systems, Analysis of Algorithms

EXPERIENCE

- **Student Technician** Stony Brook, NY
Stony Brook Division of Information Technology *Feb 2018 - Present*
 - Resolved software issues through OS re-imaging, diagnostics, virus scans and data backups
 - Implemented IT solutions by utilizing a cloud based ticketing system
 - Provide front-line support to university staff/faculty and student owned machines

PROJECTS

- **Course Site Generator:**
 - A Java application that allows a user to automate the process of creating a course website
 - Allows user to load and save user data entered into custom GUI to JSON formatted file
 - Generates all appropriate HTML, CSS, JavaScript and JSON for course website on export
- **Quick Calculate:**
 - Allows users to evaluate mathematical expressions using JavaScript from within the chrome browser
 - Implemented chrome.notifications and chrome.storage from the Chrome API to store, track and receive user data
 - Designed a custom user interface with HTML/CSS
- **Data Encryptor:**
 - Implemented the ADFGVX cipher algorithm in MIPS Assembly
 - Allows user to decrypt and encrypt plaintext using an encryption key
- **Earth Defender:**
 - Arcade style survival game designed with Java and CSS
 - Implemented scaling difficulty as user progresses through game
 - Created point system along with custom animations and art

SKILLS

- **Programming Languages:** Assembly, CSS, HTML, Java, JavaScript, JSON, XML
- **Operating Systems:** Windows, Mac OSX, Linux
- **Languages:** English (Native), Mandarin (Proficient)

AWARDS

- **Horatio Alger National Scholar:** Chosen as one of 106 students nationally among more than 40,000 applicants in recognition of academic excellence, character and ambition despite adversity
- **Dean's List:** Awarded to students on the top 20 percent of their class