





Gwyneth Yuen

Software Engineer

 gwynethyuen

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EXPERIENCE

SIMPLISAFE HOME SECURITY | DATA ENGINEERING/BUSINESS INTELLIGENCE INTERN

June 2021 – August 2021 | Boston, MA (remote)

- Did simple ad hoc tasks such as creating SQL tables and bash scripts.
- Wrote and automated a python script to run daily and create a SQL table with daily metrics for internal call center agents as well as create and share a set of visualizations on month-to-date performance as a PDF through Google Drive.

AMERICAN POOL ENTERPRISES, INC. | LIFEGUARD

May 2018 – August 2018 | Princeton Jct, NJ

- Learned and maintained proficiency in First Aid and CPR.

EDUCATION

RENSSELAER POLYTECHNIC INSTITUTE

M.S. IN INFORMATION TECHNOLOGY

August 2022 - May 2023 | Troy, NY

Cumulative GPA: N/A / 4.0

RENSSELAER POLYTECHNIC INSTITUTE

B.S. IN COMPUTER SCIENCE AND ELECTRONIC ARTS

August 2018 - May 2022 | Troy, NY

Cumulative GPA: 3.7 / 4.0

- Dean's Honor List - Fall 2018, Spring 2019, Spring 2020, Fall 2020, Spring 2021
- Dean's List - Fall 2019
- Received Rensselaer Leadership Award

PROJECTS

HACKRPI | PYTHON, HTML, JAVASCRIPT, CSS

November 2019

- Used the Google Cloud API to design a disaster guide that compiles nearby hospitals and relief information to inform a user based on current location.

DISCORD BOT | PYTHON

July 2020

- Created commands for a Discord bot and pulled information from a website.

ACTIVITIES

RPI COMPUTER SCIENCE DEPARTMENT | UNDERGRADUATE MENTOR

Fall 2020, Spring 2021, Fall 2021, Spring 2022

- Introduction to Computer Science and Introduction to Algorithms mentor. Facilitate labs and office hours, and grade homeworks.

RPI SWIMMING AND DIVING | COMPETITIVE SWIMMER

Fall 2018 - Spring 2022

- Liberty League All-Academic Team (minimum 3.3 GPA): 2019-2020, 2021-2022

OBJECTIVE

Rising graduate student seeking an engineering internship in computer science and information technology.

COURSEWORK

COMPUTER SCIENCE

Data Structures • Foundations • Computer Organization • Algorithms • Game AI • Modern Binary Exploitation • Principles of Software • Operating Systems • Programming Languages • Robotics • Software Design & Documentation • Machine Learning from Data

ARTS STUDIO

Digital Filmmaking • Digital Imaging • 2D Animation • 3D Modeling • 3D VFX • Graphic Design • 3D Animation • Creative Seminar • Animation Production

SKILLS

PROGRAMMING

Python • Java • C++ • HTML • CSS • C • JavaScript

LIBRARIES/Frameworks

Node.js • React.js • Bootstrap • MongoDB • SQL

TOOLS/PLATFORMS

Git • GitHub • iMovie • DaVinci Resolve • Premiere Pro • Photoshop • Illustrator • Animate • InDesign • After Effects • Maya • Blender • Perforce • LaTeX