# Raymond Huang

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## EDUCATION

**Stony Brook University** — Stony Brook, NY
*Bachelor of Science in Computer Science: GPA: 3.54/4.00* — *Aug. 2017 - Present*

## EXPERIENCE

**Software Development Intern** — Hauppague, NY
*FragranceX* — *Jun 2019 - Aug 2019*
- Maximized customer recommendations for over 100,000 users daily by implementing Microsoft's Product Recommendation API to retrieve products based on customer transactions.
- Developed a chat bot by implementing a custom designed API to assist users in finding desired products and generating tickets to customer support.
- Utilized C# and .NET platform to improve user experience by remodeling layout of user interface for internal applications.

**Computer Science Mentor** — Stony Brook, NY
*OYOclass* — *Feb 2019 - Present*
- Provide guidance to a large community of students, K-12 on programming topics with the goal of teaching students proficiency in programming languages including Java, Python, HTML/CSS and more.
- Mentor students by evaluating and providing feedback on challenging programming projects allowing 80% of the students to receive university credit for Computer Science.
- Evaluate and award top submissions to various categories at hackathons across 10 districts on Long Island.

**Lead Student Technician** — Stony Brook, NY
*Stony Brook University Division of Information Technology* — *Feb 2018 - Present*
- Individually selected to oversee, train and mentor over 60 technician on procedures to resolve tickets in multiple technical support areas.
- Utilize a cloud based ITSM application to report, resolve, and route support tickets.
- Resolve software issues through OS re-imaging, diagnostics, virus scans and data backups.
- Provide front-line support to university staff/faculty and student owned machines for software issues, installation/deployment, and hardware issues.

## PROJECTS

- **eCommerce Website**:
  - A sample e-commerce site created with Flask, HTML, Bootstrap, Javascript and SQL with fully functioning accounts for both employees and customers, each with their own appropriate functions for the site.
  - Customers can add items to their shopping cart/wish list, review and return items, change their personal information, view their past orders and more.
  - Employees can add/edit/remove inventory items, view all past customer orders, remove reviews, add/edit/remove discounts, accept/deny returns and more.

- **Course Site Desktop Application**:
  - A Java application that allows the user to automate the process of creating a website for college level courses.
  - Designed a custom storage system to allow the user to work on multiple sites by saving and loading user entered data to a JSON formatted file.
  - Generates all appropriate HTML, CSS, Javascript and JSON files needed for course information, class calendar, homework schedule, and teaching staff on file export.

- **Windows and OSX Game**:
  - Collaborated in a team of 3 members to create a retro style arcade survival game using Java and CSS.
  - Created multiple enemy types with custom attack, animations, and levels with scaling difficulty by using inheritance.
  - Designed a custom shop by creating a score and money system for players to purchase upgrades that improve their character's health, speed, shield, and more.
  - Allowed the user to change options in game such as key bindings for controlling the character.

## SKILLS

- **Programming Languages**: C#, CSS, HTML, Java, JavaScript, .NET, Python, SQL
- **Other**: Git, Linux, Mac OSX, Windows