

# Raymond Huang

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Github : [github.com/RayHuangRH](https://github.com/RayHuangRH)

Website : [rayhuangrh.github.io](https://rayhuangrh.github.io)

## EDUCATION

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

## EXPERIENCE

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- **Software Development Intern** Hauppague, NY  
*FrangenceX* *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

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- **E-Commerce 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

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