

Ricky Banh

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[Portfolio](#)

- Education:** **Georgia Institute of Technology, M.S Computer Science**
Robotics and Computational Perception Specialization
Expected Fall 2022
- SUNY University at Buffalo, B.S Mechanical Engineering**
Matriculated May 2017
- Skills:** **Technical Tools:** Python, Java, C++, HTML5, CSS, JavaScript, SQL, PostgreSQL, Vue.js, Express, Node.js, Android SDK, MongoDB, GCP Firebase, Git
- Coursework:** Data Structures and Algorithms, Data Science, Database Systems, Machine Learning for Trading, Human-Computer Interface, Robotics AI, Computational Photography
- Experience:** **Georgia Institute of Technology** *05/21 - present*
Graduate Teaching Assistant
- Teaching assistant for [CS7638 Robotics: AI Techniques](#).
 - Hosted office hours for students and offered guidance on topics such as planning and searching, robotics localization, tracking and mapping and controls
 - Performed code reviews and aided students in diagnosing and debugging their code
- Hoamsy LLC | Boston, MA** *08/20 – 12/20*
Full Stack Software Developer Intern
- Used Vue.js framework, HTML, CSS, and JavaScript to develop front end elements for web app
 - Performed backend data restructuring and cloud operations with Firebase in order to improve storage of user data
 - Utilized SendGrid and Google APIs in order to create automated cloud functions
 - Implemented algorithms that handled user matching and adaptation of legacy data
 - Used SVG and wireframe tools to assist with UI/UX design and implementation of various components of the platform
- WSP USA | New York, NY** *10/17 – 09/18*
Assistant Traction Power Engineer
- Read and interpreted drawings and specifications
 - Prepared inspection reports that aided in developing job safety procedures
 - Inspected various facets of work on the construction site
 - Acted as Employee in Charge (EIC) and Certified Construction Manager (CCM) representative
- Leadership:** **Society of Asian Scientists and Engineers (SASE)** *07/17 – 07/18*
Regional Coordinator
- Acted as point of contact between collegiate chapters and the SASE national organizations
 - Provided leadership advice and guidance to several collegiate chapters
 - Worked to implement and develop a coherent SASE alumni network