

Jackey Yang

+1 (731) 267-2870 • jackeyyang.work@gmail.com • www.linkedin.com/in/jackeyy • www.jackeyy.me

Education

Stevens Institute of Technology

Hoboken, NJ

B.S. in Computer Science, CySec minor

Expected May 2025

Coursework: Algorithms, Computer Architecture and Organization, Data Structures, Discrete Structures

Professional Experience

Stevens Institute of Technology

Hoboken, NJ

Undergraduate Research Assistant (Deep Learning and BCI)

November 2022 – Present

- Modeling and examining machine learning and AI implementation of a new deep learning model for a real-time brain-computer interface (**Python MNE, PyTorch, FreeSurfer, ReactJS**)

VP of Badminton Club

August 2022 – Present

- Overseeing and organizing several weekly practices and monthly tournaments for 40+ members

IpsierLab LLC

Remote

Fullstack Developer Intern – Lead

June 2022 – September 2022

- Designed and developed an eCommerce web app that communicated with a custom NoSQL database with Node.js to process cart and checkout (**ReactJS, Node, Stripe.js, Jira, and Figma**)
- Directed an AGILE team of 4 interns to migrate from jQuery to React, leading to a performance boost of ~30% and allowing for much more efficient scalability
- Improved full page load time by ~50% (from 5.23s to 2.69s on Seattle servers)** by optimizing React Router, lazy loading images, and reducing unnecessary re-rendering processes

Play Hoboken

Hoboken, NJ

Web Developer Intern

April 2022 – May 2022

- Expanded WordPress site capabilities to include several functionalities, particularly a newsletter and recurring ads, while reducing load time and maintaining uptime (**WordPress, HTML, CSS**)

Projects

[Shima \(Geolocation Tracker\)](#)

- Won NJIT's 2022 Hackathon with over 200+ attendees** by leading frontend implementations of location tracking logic and our custom acyclic pathing algorithm (**Google Maps API, Flutter**)
- Formulated a breadcrumb-styled tracking system and implemented periodic location pings (crumbs) which connected to form the shortest route back

[Castle Point Anime Convention](#)

- Collaborated with a team of 6 to implement mobile-first design changes for 200+ daily visitors
- Automated registration process of artists and dealers by creating a signup portal by integrating several APIs (**React.js, Python, AWS, Docusign, Quickbooks, and Google Drive APIs**)

Programming Skills: Javascript/Typescript, Java, Python, C++, C, SQL, GraphQL, Dart

Other: Git, Flutter, HTML, CSS/TailwindCSS, ReactJS, RESTful APIs, Linux