Jack Kraus

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Education

Stevens Institute of Technology | GPA: 3.831 | Hoboken, NJ   *Graduated May 2024*

Bachelors in Computer Science

Awards: Edwin A Stevens Scholarship, Dean's List 2020-2024, Graduated High Honors

Coursework: Web Programming; Database Management Systems; Software Development Process; Agile methods for Software Development; Data Structures; Algorithms; Security, Privacy & Society

Projects

[Leveler Review Site]   *June 2024 - Now*
- Developed a full stack NextJS site where users can review video games from the IGDB API.
- Utilized Supabase to authenticate users and store data in a PostgreSQL database, wrote SQL code to join data across tables, and developed API routes to serve that data to the client side.
- Crafted a smooth and engaging user journey with browsing features such as filtering/sorting, input feedback, and a screen size adaptive layout.

Harbor Currents App   *September 2023 - May 2024*
- Collaborated in a small group to design and program an app to display current data in the Hudson River using React and React Native through the Mapbox library.
- Accommodated the needs of our clients (harbor pilots) by implementing requested features.
- Implemented code to transmit and format data between our data source and a MongoDB database using Python and NumPy, and serve data from the database to each user using an Express server.

[Job Application Tracker]   *January 2024 - May 2024*
- Collaborated with a group using GitHub to develop a Job Application Tracker site to streamline the job hunting process in a user-friendly manner
- Created dynamic web pages on the frontend using HTML, CSS, Handlebars, & jQuery with Ajax.
- Communicated with our MongoDB database on the backend with an Express Server

Skills

- **Programming:** Python, Java, C, JavaScript, Typescript, OCaml, R, Keras, NumPy
- **Web Dev:** HTML, CSS, React/React Native, MongoDB, PostgreSQL, Express, Tailwind, Sass
- **Collaboration:** Github, Gitlab, Slack, Figma, Jira, Microsoft Suite, Google Suite, Photoshop

Work Experience

Aubuchon Hardware   *2022 - 2024*

Retail Associate (Seasonal)
- Organized product presentation to optimize sales.
- Provided guidance to customers regarding store layout and facilitated transactions.
- Offered assistance to customers in identifying suitable products for their needs.

Leadership

Improv Comedy Club   *September 2021 - May 2024*

Secretary, Social Media Chair, Member
- Created and distributed promotional material made using Photoshop.
- Promoted events and engaged with the community to increase membership.
- Wrote and performed in comedy sketches.