James Wong

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EDUCATION

Boston University   Boston, MA
Bachelor of Arts in Computer Science, Minor in Business   *September 2021 – May 2025*
- **Relevant Courses:** Computer Systems, Probability in Computing, Concepts of Programming Languages, Software Engineering, Data Structure & Algorithms, SWE in Modern Cloud Environments, Combinatoric Structures

EXPERIENCE

Software Engineer   February 2023 – Present
BostonHacks   *Boston, MA*
- Coordinated with peers to develop a full-stack web application using React.js, Firebase, and Tailwind CSS
- Delivered and renewed 30+ React components and an efficient check-in system for over 800+ attendees
- Coordinated with sponsors to host Full-Stack Development and API Workshops for over 100+ hackers

Software Engineer Intern   June 2023 - August 2023
Mass General Brigham   *Boston, MA*
- Developed a scalable Full-Stack Master Data Management (MDM) tool using Streamlit with Pandas frameworks for integration and standardization of a wide range of data exports from enterprise data
- Streamlined transformation of 4+ data types exported from Snowflake using Pandas Dataframe and launched 2+ expansions including OpenAi, NumPy, and a documented framework for future expansion
- Presented and facilitated the transition of Azure Repos to Github Repo in front of director, stakeholders, and team, allowing actionable workflow when working in an agile development while developing software or views

Software Engineer Intern   June 2022 – August 2022
Hearst Corporation   *New York City, NY*
- Collaborated with 10 experienced Software Engineers on the Search team to successfully complete 50% of Jira backlog tickets related to bug fixes, deprecated sources, and issues to optimize and enhance overall reliability
- Developed a Python Command Line Tool used by members of the team to automate 5+ python and Docker scripts when testing applications on local machine to provide efficient running and cut down process time by over 30%
- Refined consistency and speed of our search API by improving python unittest framework that boosts automated coverage of functionality from 80% to 95% for production sites under Hearst Media Corporation

PROJECTS

Weather Planner | *React.js, Node.js, MongoDB*   February 2023 – May 2023
- Developed a full-stack web application using Node.js serving a REST API with React as the frontend and MongoDB as the database
- Implemented Google Maps and a Weather API to publish a interactive Calendar App
- Utilized Google Oauth for authentication and data retrieval associated with MongoDB

Finance Alexa | *Python, yfinance, speech_recognition*   December 2023 - Present
- Developed an Alexa clone to process real-time data from yahoo finance using speech recognition and pandas
- Published a scraper to scrape IPO's Symbol, Name, Sector, and industry to categorize
- Implemented multiple utils to allow quick process from of speech to information, reducing delays of processes

TECHNICAL SKILLS

Languages: Python, Java, Go, SQL (MySQL), JavaScript, HTML/CSS
Frameworks: React.js, React Native, Node.js, Flask, Bootstrap
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Sublime
Libraries: pandas, NumPy, Requests, yfinance, BeautifulSoup, PyTorch