

Eric Xie

416-838-4938 |  pexie@uwaterloo.ca |  linkedin.com/in/ericcxie |  github.com/ericcxie |  ericxie.ca

TECHNICAL SKILLS

Languages: Python3, C++, Java, HTML/CSS, Javascript

Frameworks/Libraries: ReactJS, Selenium, pandas, BeautifulSoup4, Bootstrap, WordPress

Developer Tools: Git, VS Code, Visual Studio


PROJECTS

AmaFind - Amazon Web Scraper in Python  | *Python, Selenium, BeautifulSoup4, Git* Oct. 2022 – Present

- Implemented custom item queries from users using Selenium and BeautifulSoup4 to scrape all product information from Amazon into a CSV file
- Organized and sorted data using pandas DataFrames to provide users with key information in an easy-to-read format
- Enforced ethical scraping practices by limiting rate requests to ensure that the processes do not disrupt website services

Budget Expense Tracker  | *ReactJS, JavaScript, Context API, CI/CD Pipeline* Oct. 2022 – Present

- Developed a simple expense tracker using ReactJS to manage income and expenses
- Implemented styled-components to allow transaction inputs from users using Context API with Hooks
- Deployed production React build using Netlify to setup CI/CD Pipeline with GitHub for efficient software changes

Personal Website  | *HTML/CSS, Bootstrap, JavaScript, WordPress* March 2022 – Present

- Developed a personal blog website using Bootstrap and HTML/CSS/JavaScript in WordPress to create a platform for sharing my interests, designs, and writing portfolio
- Implemented SEO plugins to increase website traffic and optimize online visibility by 15%
- Designed personal branding through Adobe Photoshop and Illustrator to enhance the credibility and cohesivity of the website

EXPERIENCE

Project Researcher Sep. 2021 – Feb. 2022

DoubleOcean Financial Group Ltd.

Vancouver, British Columbia

- Conducted an independent research project on machine learning used in PD-1 related medicine using library databases to explore areas for potential investment opportunities
- Organized and developed a report paper using Microsoft Word/Excel to concisely draw upon key points regarding the In Silico drug discovery market
- Utilized the knowledge gained from the research to help make an informed investment proposition of In Silico companies

Head of Publicity Oct. 2019 – July 2022

Bayview Yearbook Committee

Richmond Hill, ON

- Ensured the successful delivery of the yearbook by acting as a liaison between the student body and school administration
- Spearheaded a task management system using Microsoft Excel for efficient organization and communication of deadlines
- Reviewed and conducted 50+ applications/interviews using Zoom and Typeform to recruit members for the upcoming year
- Redesigned social media branding to improve student engagement by 20% using Adobe Photoshop and Illustrator

Mathematics Peer Tutor Nov. 2020 – June 2022

Bayview Secondary School

Richmond Hill, ON

- Supported students through developing individualized teaching plans by highlighting areas of improvement and success to best support tutees; improved tutees' average by 10%
- Implemented Miro in tutor sessions to develop an interactive online learning environment
- Devised and organized weekly tutoring sessions using Microsoft Teams for efficient communication

EDUCATION

University of Waterloo

Candidate for Bachelor of Computer Engineering

Waterloo, ON

Sep. 2022 – April 2027