Steven Wong

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Technical Skills

- Python (Django), JavaScript (React, Vue, Node.js), C++, C, Git, Heroku, Scheme, LaTeX.

Experience

- **Secret Mission Software**   Toronto, Canada
  Software Developer   *May 2019 - Aug. 2019*
  - Built and integrated features using **React** and **Django**, including floor plan editing, XML generation, and push notifications, for the Findspace client.
  - Developed SDKs with **Node.js** to automate company workflows, such as ordering groceries and updating ticket statuses, through an **Express** server with **MongoDB** and webhooks.
  - Automated the migration of old client data, reducing the time spent per migration by ∼35%.

- **Greatwall Ledlight Co. LTD**   Hong Kong
  Software Developer   *June 2018 - Aug. 2018*
  - Developed an internal system with **Django** to streamline the process of tracking and managing customer orders and shipments, improving the efficiency of each sale.
  - Integrated data visualizations with filtering using **Chart.js** to guide future business decisions.

- **eBridges**   Remote
  Web Developer   *May 2018 - Aug. 2018*
  - Created an e-commerce marketplace platform using **Django** and **PostgreSQL**.
  - Implemented features including search, ratings, translations, messaging, and an admin panel.
  - Integrated external APIs such as EasyPost for shipping and Braintree for payments.

Projects

- **koup**
  Replica of the board game 'Coup', meant for augmented real-life gameplay
  - Created a responsive **Vue** webapp and modularized the UI to easily add and swap components.
  - Implemented the core game logic with a room system to allow for concurrent games.
  - Used **Vue Apollo** to send **GraphQL** queries & mutations for updating the player's cards.

- **Vm**
  Vim-like text editor
  - Implemented classes in **C++14** to perform file operations (e.g. insert, search, delete, save), and to correctly render the screen and cursor using **ncurses**.
  - Used OOP design, including the decorator and template method pattern, for strong abstraction.

- **textbookify** (UofTHacks VI)
  Platform for university students to buy/sell used textbooks via a matching system
  - Developed the frontend using **Vue** and designed a clean layout for users to see textbooks they are interested in, as well as the current market.
  - Integrated with our RESTful API using Axios to retrieve relevant matches for the user.

Education

- **University of Waterloo**   Waterloo, Canada
  BMath in Computer Science and Combinatorics & Optimization   *2017 - Present*
  - 3.86 GPA, Term Dean's Honours List