Steven Wong

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Technical Skills

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

Experience

- **Secret Mission Software**   Toronto, Canada
  Software Developer   *May 2019 - Aug. 2019*
  - Built and integrated features, including floor plan editing, XML generation, and push notifications, using **React** and **Django** for the *Findspace* client.
  - Architected and developed internal SDKs with **Node** and **MongoDB** to automate company workflows via webhooks and integrations on an **Express** server.
  - Automated and managed the migration of old client data to their new system, 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** and **PostgreSQL** to help track and manage orders, decreasing the time spent per 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 multiple 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 with **Vue Apollo** to send **GraphQL** queries/mutations.
  - Implemented the core game logic with a room system for concurrent games.
  - Modularized the UI into separate components to easily incorporate new features and changes.

- **Vm**
  Vim-like text editor
  - Worked on the view and model (internal file logic) using **C++** and the **ncurses** library.
  - Incorporated OOP design principles, including the decorator, strategy, and template method pattern, to provide strong abstractions.

- **textbookify** (UofTHacks VI)   ⌂
  Platform for university students to buy/sell used textbooks via a matching system
  - Implemented and designed the frontend using **Vue** and **Vuex** for state management.
  - 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