WINNIE CHOU

Full-Stack Software Engineer
New York, NY & Canada | 917-836-2161 | winnie.chou.mb@gmail.com | [Website](#) | [GitHub](#) | [LinkedIn](#) | [Twitter](#)

TECHNICAL SKILLS

Languages - Javascript | Python | TypeScript | SQL | HTML | CSS
Libraries / Frameworks / Tools - React | React Testing Library | Node.js | RESTful APIs | Express.js | Flask | Django | FactoryBoy | JSON Web Token | Jest | unittest | PostgreSQL | SQLAlchemy | AWS S3

PROJECTS

ShareBnB - *Full stack mock space sharing site* - React | Flask | RESTful API | PostgreSQL | AWS S3 - [App](#) | [GitHub](#)
Jobly - *Full stack mock job board site* - React | Express | RESTful API | PostgreSQL - [App](#) | [GitHub](#)
Warbler - *Full stack microblogging & networking site -* HTML & CSS | Flask | RESTful API | PostgreSQL   - [App](#) | [GitHub](#)

EXPERIENCE

Software Engineer Intern   Feb 2021 - Mar 2021
Rithm School | San Francisco, CA
- Contributed code to in-production student information system using **Django**'s **MTV framework** & **PostgreSQL**
- Enhanced UI by building 'missing zip file' alert and (**JavaScript)** confirmation box pop-up, reducing submission errors
- Dried up test code for new and existing **REST** endpoints by creating and integrating factories using **FactoryBoy**
- Streamlined staff workflow into one click by building batch email notification action functionality, customizing admin view
- Demonstrated product feature's proof of concept: auto-generating student pairings using stable roommate algorithm

Contact Tracing Volunteer *(University Campus Lead)*   May 2020 – Aug 2020
PathCheck Foundation (previously MIT SafePaths, ex-MIT Media Labs) | Global
- Led discussions with and engaged universities on privacy-preserving, contact tracing and exposure notification solution
- Organized and oversaw live product demos by developers and product team, addressing user needs and requirements

Co-Founder & Operational Advisor   Jun 2019 – Present
MiniClerk Inc. | Regina, SK
- Launched insurance claims billing service for emergency physicians; idea to inception in less than four months
- Created company procedure handbooks and built internal workflows that streamlined claims handling and processing

Senior Associate, Private Equity   Jun 2018 – Sep 2019
Farol Asset Management | New York, NY
- Overhauled quarterly investor reports, streamlining portfolio investment returns analyses; reduced time spent by >50%
- Analyzed over 25 opportunities and led 2 successful investments; meeting investor return expectations each quarter

Associate, Private Equity   Feb 2015 – Jul 2017
ATL Partners | New York, NY
- Collaborated in cross-functional teams with investors and external advisors on strategic initiatives and investments
- Led post-acquisition initiative recouping ~$6 million for investors by identifying cash flow timing discrepancies in <48 hrs

Senior Analyst, Private Equity Group   Jan 2012 – Oct 2014
PSP Investments | Montreal, QC
- Top performer in Private Equity Group; selected as a presenter among 400+ employees at annual firm-wide meeting
- Co-led recruiting efforts that hired 4 per year; mentored and trained student interns and first-year analysts upon hiring

EDUCATION

Rithm School   Nov 2020 – Mar 2021
Full Stack Web Development Bootcamp   *San Francisco, CA*

Smith School of Business, Queen's University   Sep 2005 – May 2009
Bachelor of Commerce (Honors), Finance Major | Dean's Honor List 2006-2008   *Kingston, Canada*