

WINNIE CHOU

Full-Stack Software Engineer

New York, NY & Canada | 917-836-2161 | [Email](#) | [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 - [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](#)

RELEVANT EXPERIENCE

Software Engineer Intern

Feb 2021 - Mar 2021

Rithm School | San Francisco, CA

- Wrote code to shared repo of in-production student information system using **Django's MTV framework & PostgreSQL**
- Enhanced UI to reduce error submissions by building 'missing zip file' alert and (**JavaScript**) confirmation box pop-up
- 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 Outreach Volunteer (Lead for University Campus Efforts)

May 2020 – Aug 2020

PathCheck Foundation (previously MIT SafePaths, ex-MIT Media Labs) | Global

- Consulted and engaged university campuses on privacy-preserving, open-source contact tracing and exposure notification technology solution; organized and oversaw live product demos with developers and product team

Co-Founder & Operational Advisor

Jun 2019 – Present

MiniClerk Inc. | Regina, SK

- Launched insurance claims billing service for emergency physicians; hired contractor and built internal processes

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%
- Analysed over 25 investments and led 2 successful investments; meeting investor return expectations each quarter

Associate, Private Equity

Feb 2015 – Jul 2017

ATL Partners | New York, NY

- Led post-acquisition initiative that recouped ~\$6 million for investors by identifying cash flow timing discrepancies, and presenting key findings to investors, selling shareholders, and accounting and legal teams within a ~36 hour timeframe
- Assisted with recruiting that hired 2 individuals; pre-screened >50 candidates and administered financial modelling tests

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
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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