

# WINNIE CHOU

## Full-Stack Software Engineer

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

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## TECHNICAL SKILLS

**Languages** - Javascript | Python | TypeScript | SQL | HTML | CSS

**Libraries / Frameworks / Tools** - React | React Testing Library | Node.js | Express.js | Flask | Django | FactoryBoy | JSON Web Token | Jest | unittest | PostgreSQL | SQLAlchemy | AWS S3

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## PROJECTS

**ShareBnB** - Full stack mock space sharing site - React | Flask | PostgreSQL | AWS S3 - [GitHub](#)

**Jobly** - Full stack mock job board site - React | Express | PostgreSQL - [App](#) | [GitHub](#)

**Warbler** - Full stack microblogging & networking site - JavaScript HTML & CSS | Flask | PostgreSQL - [App](#) | [GitHub](#)

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## RELEVANT EXPERIENCE

### Software Engineer Intern

Feb 2021 - Mar 2021

Rithm School | San Francisco, CA

- Contributed code to in-production student information system (**Django & PostgreSQL**) using shared repo on dev team
- Enhanced UI/UX that reduced error submissions by building 'missing zip file' alert and confirmation box pop-up
- Dried up test code and eased test coverage improvement efforts by creating and integrating factories using **FactoryBoy**
- Streamlined staff workflow into one click by building batch email notification action functionality in 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

June 2019 – Present

MiniClerk Inc. | Regina, SK

- Launched remote insurance claims billing service for emergency physicians to serve unmet business needs

### Senior Associate, Private Equity

June 2018 – Sept 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

Sept 2005 – May 2009

Bachelor of Commerce (Honors), Finance Major | Dean's Honor List 2006-2008

Kingston, Canada