

SUMMARY

Two years of experience as a Software Engineer delivering creative highly data-driven client-centric applications. I am excited to be part of a team and solve problems using my experience in spotting inefficiencies and creating automated solutions.

SKILLS

- **Languages:** JavaScript/TypeScript, C++, Common Lisp
- **Proficient:** React/Redux, Node.js, Unit testing with Mocha/Chai/Sinon, SQL

EXPERIENCE

- **Bloomberg L.P.** New York, NY
Senior Software Engineer May 2018 - Current
 - Overhaul of legacy trading applications, resulting in increased usability and uniformization of the trading experience.
 - Design and build new features for the company's trading platforms and release them to our users.
 - Spearhead the adoption of new technologies and improvement of development practices (type-checking, React, state-management).
- **Fullstack Academy of Code – major coding bootcamp** New York, NY
Teaching Fellow Dec 2017 - Apr 2018
 - Led code reviews and acted as a project manager for 4 teams of junior software engineers.
 - Code paired, debugged/mentored technical concepts and best practices to 50 students on a daily basis.
 - Led technical interviews in Javascript for prospective students 2 to 3 times a week.
- **Ara Global Group – medium sized electronics wholesaler** New York, NY
Software Engineer May 2016 - Apr 2018
 - Spearheaded re-engineering project to improve/automate asset processing and cataloging, reducing processing time by 25%.
 - Developed an in-house SaaS for systematic asset and sales monitoring per device leading to 20% in increased revenue.
 - Wrote a data validation tool in JavaScript that ensured the accuracy of inventory and sales data feeds.
- **BISAM, Inc. – financial software vendor** New York, NY
Product Support Analyst Jan 2015 - Apr 2016
 - Troubleshoot financial calculation issues raised by clients and Professional Services team.
 - Supported defect resolution by identifying and replicating bugs.
 - Testing patch releases and managing deliveries.
- **Tortus Capital Management – value oriented hedge fund** New York, NY
Research Analyst Jul 2013 - Jul 2014
 - Completed financial analysis for over 30 distressed companies and recommended long/short positions.
 - Traded and monitored the firm's securities on a daily basis.
- **Freelance Web Developer** Paris & New York, NY
Self Employed 2007 - 2017
 - Built from scratch over 30 websites for small and medium sized companies, using HTML, CSS, JavaScript.
 - Recent examples include: icyclegreen.com, araglobalgroup.com, adht.parsons.edu/GeraldineStutz

PROJECTS

- **Propel ML – open source contributor** <https://github.com/propelml/propel>
GPU-backed numpy-like infrastructure for scientific computing in JavaScript. Feb 2018 to April 2018
 - Contributing to the front-end of a large Preact/Typescript open source project, using TDD.
 - Implementing of user profiles, and several other front-end features.
- **Device Extract, LLC. – founder & developer** June 2017 - April 2018
An Electron app for cataloging mobile devices programmatically
 - Built with Electron, to access Android and iOS devices through the computer's serial ports.
 - Scanned over 100,000 mobile devices successfully; extracting characteristics and basic diagnostics.

EDUCATION

- **Fullstack Academy of Code** New York, NY
Software Engineering Immersive Program 2017
- **ESSEC Business School** Singapore
M.S. Financial Engineering 2013
- **Universite Paris Dauphine** Paris, France
M.S. Finance & B.S. Management 2011