

## Skills

### Strategy & Implementation

ICAgile Professional  
Product Management  
Stakeholder Management  
Requirement Definition  
Design Thinking  
Test Driven Development

### Application Development

JavaScript, TypeScript  
HTML, CSS, Sass  
React, Redux, Angular  
Ionic, Capacitor, Java  
Node, Express, MongoDB  
TestCafé, Cypress  
Xcode, Testflight

### Data Science & Analytics

Python, R, PostgreSQL  
TensorFlow, Tableau,  
Airflow, Metabase

### Technologies & Infrastructure

GitHub, GitLab  
Firebase, Jenkins  
Google Analytics  
Google Tag Manager  
Google Cloud Platform,  
Big Query, AWS  
LogRocket, Docker

### Languages

French - Fluent (DALF C2)  
German - Conversational

## Education

### Drexel University

Bachelor of Arts in  
Mathematics  
*Cum Laude*  
GPA: 3.57  
March 2019

### Sciences Po Paris

Exchange Program  
January - May 2017

## Experience

**Hoverstate** / Los Angeles, CA / October 2020 - Present

### Software Engineer & Data Scientist

- Implement a cross-platform Data Science Pipeline (DSP) built on Airflow, AWS, GCP, and Metabase to aggregate analytics and client application data
- Architect and maintain an in-house analytics package to implement Google Tag Manager, Google Analytics, Firebase, and LogRocket across client codebases
- Coordinate with account-management team to generate buy-in for transition from Universal Analytics to Google Analytics 4 and Firebase
- Implement user analytics tracking in hybrid apps built with Ionic React and Firebase
- Devise department testing and quality assurance strategies to reduce regressions and bugs on implementation of new features

**Accenture** / Los Angeles, CA / April 2019 - October 2020

### Application Designer, CalSAWS, State of California

- Designed system enhancements for the California State Automated Welfare System (CalSAWS), an application used by 50,000+ social workers to administer public services for over 15 million Californians
- Coordinated across build, test, design, and business process teams to transform client requests into detailed designs and cost estimates

### Front-End Engineering Lead, Self Service Portal, Comcast Corporation

- Developed features in React and Angular for an account management portal used by over 20 million subscribers
- Identified, defined, and implemented architectural requirements to deliver a full-stack web application built with React and AWS Lambda ahead of schedule
- Managed a team of six developers in an agile environment, acting as a key liaison between client product managers, designers, and business stakeholders
- Created comprehensive documentation on GitHub pages to allow for effortless onboarding of new team members
- Spearheaded automated testing in TestCafé to streamline QA efforts
- Improved developer productivity by 30% by implementing workflow management processes using GitHub Projects

**TD Securities** / New York, NY / June - August 2017

### Global Macroeconomic Analyst Internship

- Conducted economic research using Bloomberg to identify potential foreign exchange market surprises
- Developed a proprietary model in R to forecast CPI and PCE inflation
- Designed a rate spread dashboard for 20 emerging markets, improving commentary production efficiency by 90%

**GlaxoSmithKline** (via ZeroChaos) / Philadelphia, PA / March - August 2016

### International Benefits Analyst Co-op

- Managed a relational database for a multinational healthcare initiative covering 80,000 employees in 65 countries
- Developed scripts in R and Python to analyze fragmented datasets, increasing data processing efficiency by 80%
- Planned a budget for program launch costs of £5.3 million in Asia, based on historical data, reducing costs by 8%
- Created a dashboard in Tableau showcasing 17 KPIs used by stakeholders to assess program success