

# David Jiang

*AI Product Engineer and Founder*

San Mateo, CA, United States | [LinkedIn](#) | [Portfolio](#)

AI product engineer and founder with 10+ years across ML data tooling, autonomous drone operations, and full-stack product work. He owns products from problem definition through architecture, implementation, and release.

## EXPERIENCE

---

**Principal** Mar 2020 — Present  
Theory A  
*San Francisco Bay Area*  
Founded and built a financial analytics platform that connects fundamentals, valuation, and options. Owns the product from customer research through implementation and deployment, including custom charts, statistical analysis jobs, database migrations, and data-provider integrations. The platform is live.

**UX Developer, Wing** Jan 2019 — Mar 2020  
Google (Wing)  
*San Francisco Bay Area*  
Delivered production airspace-management software used by the Australian government, replacing a JavaScript proof of concept with an Angular application. Built drone telemetry and fleet-management interfaces with flight operations and flight-test teams, translating safety-critical requirements into operator tools.

**Lead UI Developer, Siri** Jan 2016 — May 2018  
Apple  
*Cupertino*  
Led UI engineering for Siri's internal ML data platform, which supported hundreds of contractors across multiple locales. Built training-data and evaluation workflows, including complex ontology navigation and labeling, working alongside ML engineers. Owned UI architecture, code reviews, testing, and deployment, and mentored contributors as the team grew across groups.

**JavaScript Developer** Jul 2014 — Jan 2016  
Splunk  
*San Francisco*  
Worked as a JavaScript developer. Co-invented U.S. Patent 10,700,950.

**Software Engineer** Jan 2014 — Jul 2014  
Neustar  
*San Francisco Bay Area*  
Web Development with AngularJS. Frameworks and tools used: Responsive design w/ Bootstrap, SASS, Yeoman, Grunt, Bower, Firebase.io.

**Technical Consultant** Oct 2013 — Dec 2013  
Mintz Group  
*New York*  
Technical consultant for various software development tasks and data visualization.

**Data Visualization Engineer (Volunteer)** Jul 2013 — Dec 2013  
Sparkrelief  
*Greater New York City Area*  
Data visualization & Design

**Data Artist (Intern)** Jun 2013 — Jul 2013  
iknow.io  
*New York, New York*  
Worked on Data Visualization with various javascript libraries, primarily D3. Visualized graph network ontology for backend maintenance. Integrated into a Django framework.

**Product Design Engineer (Intern)** Jul 2012 — Sep 2012  
WORDOOR Technology Co.,LTD  
*Shanghai City, China*  
Interned at a multicultural startup with people from France, Japan, Italy, Britain, America, and Canada. Worked with Product Department, Marketing Department, and IT Department in creating an e-learning platform. Tasks included wireframing and prototyping, platform content creation and analysis, marketing material editing including poster design and video editing, and general translation between colleagues.  
<https://cacoo.com/diagrams/ETSR0PUNDbBdDThN>

## EDUCATION

---

**Cornell University** Jan 2013 — Jun 2014  
*Master's degree in Computer Science*  
Cornell Tech NYC

## PROJECTS

---

**Bayes Impact Hackathon 2014**

Part of winning team, contributed UI work. Met with founders of Yahoo, Palantir, and Reddit

Project: <http://ivory-infinity-763.appspot.com>

As covered by Mashable: <http://mashable.com/2014/11/17/data-hackathon/>

### **Persistent research workflows with structured agent memory**, Hermes

Designed persistent research workflows with structured agent memory, decision logs, and reusable skills. Built a browsable knowledge workspace on top of them.

### **Interactive 3D explorer of GloVe word embeddings**, GloVe Galaxy

Built an interactive 3D explorer for GloVe word embeddings. It turns semantic relationships between words into a visual interface.

### **Visual explainer of MNIST neural-network training**, Neural Network Visualization

Built a visual explainer of MNIST neural-network training. It makes core ML concepts easier to inspect and communicate.

## **SKILLS**

---

Software Development · User Experience Design · Translation · Digital Designs · User Interface Design · Machine Learning · Arduino · Design Strategy · Data Visualization · Analysis · Python · Web Development · Git · Mobile Applications · SQL · Django · Ruby on Rails · JavaScript · Angular · ML data tooling · UI architecture · Product management · Financial analytics · Drone telemetry · AI agents · GloVe embeddings · MNIST · Database migrations