

# Robert Brownstein

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## Experience

### **Lead Engineer, Cvent** (2018 – present)

- Tackled complex performance challenges on Diagram, Social Tables-turned-Cvent's flagship product, while working closely with other leads and individual contributors to ensure reliable feature delivery

### **Engineering Manager, Social Tables** (2018)

- Managed a team of engineers to build and release a major overhaul of our dashboard product
- Balanced trade-offs between technical debt, feature delivery, and scheduling
- Acted as a technical tie breaker while exploring minimally-intrusive management methodology to maximize potential of junior and mid-level engineers and maintained an active role in the codebase

### **Engineer -> Senior Engineer - Team Lead, Social Tables** (2016 - 2018)

- As an IC, lead development of layout automation API/capability, wrote a good chunk of the current-generation authentication and permissions infrastructure, created external developer portal with API console to make life easier for external devs
- As an innovator, completed experimental ingest system to convert 3D scan data from Project Tango devices into our native 2D floor data representation during a two-week innovation sprint
- As a manager, architected and lead development of a series of internal products, culminating in a major update to Social Tables' internal floorplan authoring tool (released open-source as [OpenFPC](#))

### **Backend Engineer, Hinge** (2015)

- Maintained and improved a Python based service layer powering a mobile app with 0.5M DAU
- Introduced CI into development workflow, and lead efforts to produce testable code
- Tackled scaling challenges while modernizing a legacy codebase and DB schema with over a 1B records

### **Associate Engineer, Jibe** (2014 - 2015)

- Built the service layer of Candidate Connect, a multi-tenant talent network management product
- Implemented the product's search, SSO, logging, and access management capabilities
- Championed the use of mock-based unit testing, making it possible for us to achieve strong code coverage during builds when database access is unavailable

### **Web Applications Development Intern, Mars Symbioscience** (Summer 2013)

- Re-built corporate website using Drupal 7 with a focus on responsive design, (still in use as of 2018)
- Worked on a small team to prepare a Magento-based ecommerce website for release

## Education

BS in Computer Science - University of Maryland, College Park (2014)

## Skills

- Creating and improving systems of computers, processes, and people
- Languages: Javascript, Python, C, Java, Ruby, Sh/Bash, SQL, PHP, Sass/Less
- Frameworks / DBs / Other Buzzwords: React, Redux, Node, Three.js, WebGL, Webpack, Elasticsearch, various SQLs, some NoSQLs, Redis, RethinkDB, Docker, AWS, Django, Drupal, Rails, Spring, Agile, Having Opinions About Agile. Can/will RTFM