

# Sean Pennino

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## *Experience*

Sept 2016–  
Present

### **Full Stack Engineer & Director of Product** *Castle*

Implemented full-stack solutions in JavaScript and TypeScript using Angular, Node, and Firebase  
Designed and built data pipelines in JavaScript for warehousing to support business analytics  
Set high-level product strategy and managed end-to-end product development for a team of five  
Conducted user interviews, designed features, and wrote technical specs for other engineers

Sept 2015–  
Aug 2016

### **Full Stack Engineer** *Teespring*

Built a fulfillment API using Ruby on Rails to support Teespring's Shopify ecommerce application  
Launched Airbnb's open-source software, Airflow, to warehouse data for business intelligence  
Integrated Teespring's application with Facebook Ads, enabling users to launch ads from Teespring

July 2014–  
Sept 2015

### **Manager of Analytics** *Teespring*

Hired, trained, and led team of 6 analysts responsible for reporting across all departments  
Performed regular statistical analyses of product, finance, production, and marketing data  
Defined company wide KPIs for monitoring business health, presented to team leaders biweekly  
Designed and built the initial implementation of an analytics database and visualization tools

Aug 2012–  
July 2014

### **Growth Analyst / Early Employee** *Teespring*

Designed and programmed product split tests in jQuery, increased conversion rates 15%  
Established the company's online marketing initiatives, drove an incremental 6-8% lift in revenue  
Built and trained initial Customer Support team to cover email, phone, and live chat support

June 2012–  
June 2014

### **Venture for America Fellow** *Venture for America*

Selected to be one of 38 Fellows to participate in the inaugural class of Venture for America  
Completed a 5-week startup bootcamp that included sessions run by IDEO and McKinsey  
Picked by peers to serve on the Alumni Board to maintain relationships and recruit future classes

## *Skills*

**Languages:** JavaScript, TypeScript, Python, Ruby, HTML, CSS, MySQL, PostgreSQL, NoSQL, Git

**Frameworks:** Angular, Node, Ruby on Rails, Airflow

**Non-Eng:** Sketch, Photoshop, InDesign, ice hockey, distance running, rock climbing, piano, pizza

## *Education*

### **Brown University** *Master of Science*

Innovation Management and Entrepreneurship, Class of 2012

### **University of Notre Dame** *Bachelor of Science*

Physics, Minor in Italian Studies, Class of 2011