

# SEJAL JAIN

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[sejaljain.github.io/portfolio](https://sejaljain.github.io/portfolio)

## EDUCATION

### Columbia University, New York, Class of 2019

2015 - Present

School of Engineering and Applied Sciences, B.S. Candidate in Computer Science (Intelligent Systems Track)

GPA 3.76, Dean's List

## SELECTED COURSEWORK

Intro to Agile Project Management

Principles of Innovation & Entrepreneurship

Cloud Computing and Big Data

Introduction to Data Visualization

Calculus-Based Statistics for Engineers

Machine Learning, Deep Learning

Introduction to Database Systems in SQL

Natural Language Processing

Advanced Programming in C/C++

## RELEVANT EXPERIENCE

### Product Management Intern, HomeAway Inc. (Expedia Group)

June – Aug 2018

- Formalized market activation playbook for Virtual Reality Pilot product including strategy and metrics for success, reducing market activation lead time by 50%
- Ideated and drove design and test validation for an A/B Test to optimize funnel conversion
- Worked with 3<sup>rd</sup> party vendors to identify and remediate product issues related to external API
- Authored 20-page product guide and established an app release communications process
- Collaborated with analyst to implement Tableau dashboard to streamline product operations
- Practiced Agile Method including backlog grooming, daily standup, and scoping requirements
- Worked in a cross-functional team including sales, marketing, engineering, business development, operations, and analytics

### Technology Business Systems Analyst Intern, Turner Broadcasting System Inc.

Aug 2017 – May 2018

- Gathered requirements and wrote user stories with acceptance criteria for revenue planning product to extract business insights from high volume data.
- Created UAT documents and met with users to document product bugs and improvements,
- Targeted data discrepancies in business logic within SQL stored procedures

### Full Stack Engineering Intern, Citizengage

May - Aug 2016

- Built a real-time IoT telematics dashboard using MEAN stack framework (MySQL, ExpressJS, AngularJS, NodeJS) to optimize logistics and expand the company's data driven

### Teaching Assistant, Girls Who Code

June - July 2017

- Taught computer science fundamentals, robotics, object-oriented programming, web development, and supported 20 students in executing full-stack web projects

### Research Intern, Columbia University Lab for Unconventional Electronics

2012 - May 2015

- Developed an ATTiny85 based ultralow-cost flexible sensor platform for medical applications
- Published in Lab on a Chip Journal December 2017 issue

## TECHNICAL SKILLS

### Proficient

JIRA

Confluence

Experimentation Test Design (A/B, AA)

Agile Software Development

Python

Django, React, Angular, Node

C/C++

SQL

### Familiar

Tableau

Splunk

AWS

## CO-CURRICULAR ACTIVITIES

### Engineers Without Borders - Ghana Program, Program Manager

2015 - Present

- Lead an engineering team to design and implement a clean water distribution system for a rural village
- Coordinated with Ghanaian community leaders to organize community support for the project

### Application Development Initiative Labs, Software Developer

2016 – 2017

- Built 2 applications (web, mobile) for the campus community using Flask, React Native, and Firebase

### Columbia Taal, Team Manager

2015 - Present

- Organized an intercollegiate charity dance showcase, raising over \$6000
- Head of choreography and artistic vision