Sahil Ahuja

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EDUCATION

UNIVERSITY OF PENNSYLVANIA
THE WHARTON SCHOOL
BACHELOR OF SCIENCE, ECONOMICS
Expected May 2018 | Philadelphia, PA
Operations, Information, and Decisions
Real Estate

SCHOOL OF ENGINEERING AND APPLIED SCIENCE
BACHELOR OF SCIENCE, ENGINEERING
Expected May 2018 | Philadelphia, PA
Computer Science

Cum. GPA: 3.68 / 4.00

COURSEWORK

GRADUATE
Machine Learning
Randomized Algorithms

UNDERGRADUATE
Computer Architecture
Corporate Finance
Data Structures and Algorithms
iPhone App Development
Leadership and Communication in Teams
Management Science
Mathematical Foundations of CS
Multivariable Calculus
Product Design
Scaling Operations in Technology
Software Engineering
Statistical Inference

LINKS

LinkedIn:// **sahuja1**
Github:// **sahilahuja1**

SKILLS

PROGRAMMING
Languages:
C • CSS • Java • Javascript • Hack • HTML • Objective C • OCaml • PHP • Python • R • Swift • XML

Paradigms:
Mobile Development • Full Stack Programming • Test-Driven Development • UI Design • API Design

WORK EXPERIENCE

INSTAGRAM | ANDROID DEVELOPER
May 2017 - August 2017 | Menlo Park, CA | Instagram Growth, Installs Team
My team's goal was to increase monthly active users by growing app installs. I was responsible for a scrolling unit of Instagram photo suggestions in the Facebook app.
- Expanded exposure of the unit to generate several million client side impressions per day, adding 1.2 million more monthly active users per year
- Redesigned horizontal scrolling unit from scratch, adding 5.5 million more monthly active users per year due to more appealing design
- Ranked and sorted the best photos to show users to generate the highest clickthrough rate

FACEBOOK | ANDROID DEVELOPER
May 2016 - August 2016 | Menlo Park, CA | Internet.org, Free Facebook
Internet.org's mission is to make internet access available to the two-thirds of the world who are not yet connected. The Free Facebook team partners with mobile carriers to deliver a limited-capacity Facebook free of data charges.
- Added logic to the Facebook Flex for Android product to determine whether the user should be charged for data, for example for photos and videos
- Added a client side Data Saver Mode
- Implemented experiments to optimize downtime performance of the app

TEACHING ASSISTANT | INTRODUCTORY COMPUTER SCIENCE
January 2015 - December 2016 | Philadelphia, PA
- Taught topics in OCaml (functional programming, closures, first-class functions, anonymous types)
- Taught topics in Java (Dynamic dispatch, Hierarchies, Collections, Program Design, IO, GUI design, Hashing)
- Led weekly recitations with a partner, graded homework, held office hours, edited assignments between semesters

VARAGESALE | ANDROID DEVELOPER
May 2015 - August 2015 | Toronto, Canada | Core App Team
VarageSale is an online marketplace where members buy, sell and connect with their local community. Founded in 2012, VarageSale boasts millions of users across North America. Investors include Sequoia Capital and LightSpeed Ventures.
- Rewrote the central item screen from scratch, with a cutting-edge new design and advanced scrolling animations
- Updated all API's to a restful implementation to optimize loading time across the app
- Implemented high performance photo fetching to greatly improve user experience
- Exceeded expectations of team by learning the Android platform efficiently and independently

ACTIVITIES

UPenn South Asia Society | Spring 2015-Present | President
Penn Dhamaka | Fall 2014-Present | Dancer and Business Manager of All-Male South Asian Fusion Dance Team
Friars Senior Honor Society of University of Pennsylvania | Spring 2017-Present