

## IDAN HOVAV

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### EDUCATION

#### **Computer Science, B.A. (In Progress)**

2019

University of California, Berkeley

3.4 Overall GPA, 12 computer science related courses completed

### PROFESSIONAL EXPERIENCE

#### **Software Engineering Intern**

May 2018 – August 2018

**Paypal**, San Jose, CA

*Fortune 500 fin-tech company operating worldwide payments systems for businesses and consumers*

- Developed a reporting tool to analyze customer behavior and product usage trends
- Joined an Agile team in maintaining and supporting a live, business-facing product
- Learned about e-payments ecosystem and credit card processing
- Worked with C++, Pro\*C, SQL, bash, git

#### **Software Development Intern**

May 2017 – August 2017

**Cappitech**, Tel Aviv, Israel

*Financial technology boutique offering bespoke trading and reporting solutions. A RegTech 100 company*

- Designed and implemented automated framework to dynamically test API and database
- Researched cloud computing services for company to adopt
- Worked with SQL, SVN, AWS, NUnit, C#

#### **Software Engineering Intern**

May 2016 – August 2016

**Sigma Accolade, Inc.**, Mountain View, CA

*Online certification platform. \$4.35 million raised in seed funding led by Andreessen Horowitz*

- Full stack development on Scala backend, JavaScript frontend
- Coded in functional, object-oriented, and declarative paradigms
- Partook in weekly meetings, code reviews, company retreats, intern onboarding
- Worked with react-redux, npm, Amazon S3, Ajax, Finagle by Twitter, JMagick

### ADDITIONAL WORK EXPERIENCE

#### **Brother**

January 2017 – Present

**Alpha Delta Phi Fraternity, California Chapter**, Berkeley, CA

- Alumni Relations Chair and Sorority Relations Chair

#### **President**

August 2016 – December 2016

**Chabad Jewish Student Center**, Berkeley, CA

- Created and implemented first Executive Board of 6 positions with weekly meetings

### SOFTWARE PROJECTS - all code is uploaded to GitHub.

**Rabbit Hunt** – Java, UPenn project, learned to work with others' codebase

**Interactive Stock Exchange Simulation** – Java, PApplet Graphics. Three approaches before success

**Diffie-Hellman Encryption Machine** – Python, practice with basic security and encryption concepts

**Dining Hall Website** – HTML, CSS, Python backend (Flask web application)

### SKILLS

- Full stack software development, maintenance, and testing
- Experience with Python, C, JavaScript, Java, C++, Scala, Swift, Lisp, C#, Pro\*C, R, git, SVN, SQL, MySQL, pandas, seaborn, matplotlib
- Fluent in English and Hebrew. Proficient in Spanish