

# Gabriel Nahum

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## Education

### University of California, Berkeley

*Undergraduate in Electrical Engineering and Computer Science, (GPA 3.60)*

- Regents' Scholar (top 2% of incoming class)
- Expected Graduation: December, 2019

**Berkeley, CA**

*2017–Present*

## Experience

### Vocational

#### Facebook Inc.

*Software Engineer Intern*

- Worked on the DATA.AI team to predict and discover unused data.
- Indexed all forecasts for search functionality.
- Enabled individuals to share data and predictions within Facebook.

**Seattle, WA**

*May 2019–Present*

#### Swarm Lab at University of California, Berkeley

*Undergrad Researcher*

- Extended Stein's Unbiased Risk Estimate to create Error Maps.
- Researched Non-Cartesian MRI image reconstruction under Dr. Frank Ong.
- Developed extended functionality to mridata.org - an open platform for researchers to share MRI raw datasets.

**Berkeley, CA**

*August 2018–Present*

#### Facebook Inc.

*Software Engineer Intern*

- Designed and built a connection service that allows people to discover other individuals within 300 feet.
- Enabled individuals to receive and send their social or professional profiles in a simplistic manner.
- Developed an Android Application in Java that uses the connection service.

**Seattle, WA**

*June 2018–August 2018*

#### Zadara Storage

*Hardware Intern*

- Assembled SSD and HDD drives.
- Worked with the engineering team to assure quality of each disk before shipping.
- Prepared servers to be used in Zadara Storage worldwide.

**Irvine, CA**

*June 2015–August 2017*

### Miscellaneous Projects

#### SeizureWare

*Founder*

- Researched and analyzed attributes of seizures with several neurologists.
- Developed an algorithm and programmed an Apple Watch application to detect seizures.

**Irvine, CA**

*June 2016–Present*

#### C-Color: Colorblind Application

*Software Developer*

- Developed a mobile application in both Android (written in Java) and iOS (written in Objective-C) for colorblind individuals.
- Enriched the lives of over 5,000 individuals by changing certain colors to black and white.

**Irvine, CA**

*August 2015–June 2016*

#### Watermelon Scanner

*Software Developer*

- Developed an application - with over 10,000 downloads - for Android, in Java that detects the ripeness of a watermelon
- Uses pattern recognition to determine the watermelon's ripeness based on how uniform the color is.

**Irvine, CA**

*May 2015–June 2015*

## Skills

### Personality

- Critical Thinker, Leader, and Self-Learner
- Fluent in English, Hebrew and Spanish

### Software

- Proficient with Java, C, Objective-C, Swift, Python, Scheme, NodeJS, SQL, Git Commands, Django