

# Alvin Chitena

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## Education

### Wesleyan University

Middletown, CT  
B.A. Computer Science  
Expected May 2019

### Related Coursework

Information Security & Privacy  
Big Data Essentials (Coursera)  
Databases (Coursera)  
Data Analysis  
Probability Theory  
Imperative Programming  
Functional Programming  
Computer Networks  
Algorithms & Complexity

## Skills

### Programming

Proficient:  
MySQL ● Python ● SML  
Comfortable:  
Javascript ● HTML/CSS  
Beginner:  
Java ● C++

### Languages

English ● Shona ● Ndebele

### Frameworks

Hive ● Raptor ● Spark ● FGF  
● Dataswarm

### Projects

[Information Privacy Dataset](#)  
[Zim Code website](#)

## Links

Github://achitena  
LinkedIn://alvinchitena

## Work Experience

### Facebook | Data Engineering Intern

May 2018 - Aug 2018 ● Menlo Park, CA

- Built consolidated data tables for user videos, using Python & MySQL.
- Built cohort & retention tables, using the Fixed Granularity Framework.
- Developed dashboards for video uploads, cohorts & retention analysis.

### Agero | Data Education Program Participant

Jan 2018 - Feb 2018 ● Medford, MA

- Studied how Agero uses big data to evolve its business strategy.
- Participated in a 4-week big data analysis challenge competition.
- Analyzed 20M rows of data to develop & present a business strategy.

### Facebook | Data Analysis Intern (Facebook University)

June 2017 - Aug 2017 ● Menlo Park, CA

- Built data tables for users' Page sessions using MySQL & Dataswarm.
- Analyzed billions of rows of data to gain insights on Page interactions.
- Presented recommendations to the Pages product & UX/UI teams.

### Zim Code | Founder & Chief Executive Officer

Jan 2016 - Present ● Bulawayo, Zimbabwe

- Founded & lead a one-of-a kind nonprofit coding school in Zimbabwe.
- Designed curricula used to teach over 2,000 high school students.
- Fund-raised over \$50,000 for the organization over 3 years.

### Wesleyan University P.C.S.E | Advisory Board Member

Aug 2016 - May 2017 ● Middletown, CT

- Served on the Patricelli Center for Social Entrepreneurship Board.
- Advised students & alumni seeking careers in social entrepreneurship.
- Judged grant competitions & provided networking opportunities.

### Wesleyan University I.T.S | Classroom Support Manager

Jan 2017 - Present ● Middletown, CT

- Managing, training & scheduling 60 Classroom Support student staff.
- Setting up & maintaining instructional media equipment in classrooms.

## Achievements

2018 Winner Newman Civic Fellowship  
2017 Winner W & L Chamberlin \$5,000 coding grant  
2016 Winner Quip Engineering Diversity \$5,000 Scholarship  
2016 Winner Davis Projects for Peace \$10,000 grant