# Ioritz Eguileor

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## EDUCATION

Swarthmore College                                                    Swarthmore, PA
BA in Computer Science GPA: 1.0/4.0                      Expected Graduation: June 2018

## EXPERIENCE

Amazing Company 1                                                     San Francisco, CA
Software Engineer Intern                                             Sept 2017 - Dec 2017
- Integrated calendar invitations into Mailbox, allowing RSVP responses without leaving the app

Amazing Company 2                                                     San Francisco, CA
Software Engineer Intern                                             June 2017 – Aug 2017
- Analyzed the best implementation for the calendar system, researching relevant APIs and RFCs that would create a practical integration. Included extensive testing among existing providers
- Worked full-stack across Mailbox systems, from the iOS app in Objective-C/C++11 to several backend systems in Node.js/CoffeeScript. Required quickly picking up different environments
- Constructed a load testing framework in Scala using Gatling to generate dummy ad impression data for testing a MapReduce pipeline

Amazing Company 3                                                                Remote
Backend Engineer                                                    Jan 2016 – June 2016
- Developed an ETL pipeline to aggregate data from Hadoop HDFS using Apache Spark and Cloudera Impala, resulting in a ~5x speed improvement over the existing Pig/Hive/Oozie pipeline
- Reworked a reporting system to work on-demand using Amazon Redshift, resulting in a 1 hour decrease in total overnight ETL job duration
- Migrated push notifications to AWS SNS, saving 98% in push-related costs

## PROJECTS

Amazing Project 1                                                    Aug 2017 - Present
- Ran custom Minecraft mods on CentOS and Debian servers
- Reverse engineered obfuscated Java using a decompiler and reflection

Amazing Project 2                                                    Feb 2016 – May 2017
- Began a group to create the first 36 hour student-run hackathon ever held at Illinois
- Led 50 staff to raise $175,000 for HackIllinois, managing relationships with 60+ sponsors
- Plan events to increase social interaction among ACM members, as well as events to foster the spirit of computer science at Illinois

Amazing Project 3                                                    Jan 2015 – May 2015
- Assist in recruiting potential and admitted students to the UIUC computer science program
- Attend information sessions, admitted student Q&A's, and student lunches to generate interest in the Illinois Computer Science department

## ADDITIONAL

- Relevant Coursework: Data Structures and Algorithms, Natural Language Processing, Computer Systems, Databases, Computer Security, Abstract Algebra
- President of XYZ Club, Public Relations Manager of Swarthmore QWE Club
- Programming Languages: Python, C, C++, PHP, Java, HTML/CSS, Javascript, jQuery, NodeJS
- Fluent in Gibberish, conversational in Nonsense