

Sandile Keswa

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B.S. COMPUTER SCIENCE & MATHEMATICS

TEMPLE UNIVERSITY • PHILADELPHIA, PA • CLASS OF 2015

Studied the subjects of Discrete Mathematics, Differential Calculus, Statistics within the Mathematics Curriculum. Developed an understanding of Data Structures, Algorithms, Operating Systems and Software Development within the Computer Science Curriculum.

GURU INC.

FRONTEND ENGINEERING INTERN • PHILADELPHIA • JUNE 2015 - AUGUST 2015

Responsible for build improvements and fixing bugs within the chrome extension with React.js & ES6. Wrote documentation & resource center. Reworked authentication system to work with Google OAuth & built infrastructure for webapp-extension interactions over the HTML5 PostMessage API.

SQUAREKNOT INC.

FULLSTACK ENGINEERING INTERN • PHILADELPHIA • JUNE 2015 - AUGUST 2015

Refactored project cover view system. Iterated on & extended the PHP-based REST API to allow for deleting and unpublishing projects. Wrote backend graph system with Go-based micro services architecture.

MEETUP INC.

FRONTEND INTERN • NEW YORK • JUNE 2014 - AUGUST 2014

Revamped the about page by modifying Handlebars (HTML) & CSS, added a new ratings feature in Backbone.js, and added a mobile attendance feature. Co-ordinated other interns on feature deliverables including an organizer attendance feature for mobile devices.

CISCO SYSTEMS INC. (VIA TECHNUP LLC)

SOFTWARE ENGINEERING INTERN • WASHINGTON, DC • JUNE 2013 - DECEMBER 2014

Consulted for Cisco Systems Inc. via Technup LLC. Tasked with building mobile & web software for Cisco Systems Inc in Java, C# and Javascript. Co-ordinated with an international development team.

1ST PLACE

HACK RU SPRING 2015

Litecast — A low-bandwidth video communication tool that uses HSV brightness indexing to reduce throughput to 56kbps.

2ND PLACE

HACK PSU SPRING 2015

Beatcoin — A music listening and sharing web application that mines bitcoin using WebGL to fund the artists who make the music.

3RD PLACE

HACK NY SPRING 2014

Nodeflow — A javascript transpiler that allows callback-based asynchronous javascript to be written like synchronous javascript.

FOUNDER & PRESIDENT, TU DEV

APPOINTED FALL 2014

Temple's Software Development club; Created to increase student involvement in the the Philadelphia technology community, and introduce new technologies & information to Temple's Computer Science students. Credited with Temple's meteoric rise to #8 in national MLH rankings.

VICE PRESIDENT, ACM

APPOINTED SPRING 2014

Temple's chapter of the Association for Computing Machinery. Facilitated internal hackathons & tech talks.

PENNAPPS FELLOW

INDUCTED INTO CLASS OF 2015

PennApps Fellows is a student-run, non-profit organization that pairs talented students with Philadelphia tech companies & startups for a 10-week summer internship program.

HACKNY FELLOW

INDUCTED INTO CLASS OF 2014

The hackNY Fellows program, is an intense program designed to introduce students to NYC's startup ecosystem by pairing the best technical minds with great New York startups.