

# Julian Joshua Komala

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## EDUCATION

**University of California, San Diego** — B.S. Computer Science

Expected Graduation: December 2017

**Major GPA: 3.94**

**Cumulative GPA: 3.88**

## EXPERIENCE

### Yahoo — Software Engineering Intern

June 2017- September 2017

- Implemented new features to improve Yahoo! Mail and potentially bring in more users.
- Developed using React.js to create front-end components and Redux for state management
- Created a feature that accumulated content from multiple Yahoo! services and showcased relevant news highlights on Yahoo Mail.
- Worked on another feature that allows users to more easily reply to emails from their inbox.

### NASA Jet Propulsion Laboratory — Software Engineering Intern

June 2016- September 2016

- Developed an internal website for employees to create templates and generate official NASA documents such as Excel Spreadsheets, PowerPoints, or Word Documents.
- Created a feature for employees to add metadata to document templates for optimized search and lookup.
- Implemented front end using HTML, CSS, and JavaScript, while using a combination of Flask, PostgreSQL, Java Play Framework, and Amazon Web Services in Docker containers for backend
- Migrated PostgreSQL database into Elasticsearch to enhance speed and quality of search queries

## PROJECTS

### [joshuakomala.me](http://joshuakomala.me)

February 2016- Present

- Custom built website using HTML, CSS3, and Javascript

## SKILLS

Java, Javascript, HTML, CSS, React, C, C++, Git, Vim, Unix, jQuery, Redux, Bootstrap, PostgreSQL

## Relevant Coursework

Software Engineering, Theory of Computation, Algorithms, Human-Computer, Interaction Design, Advanced Data Structures

## Organizations

Phi Delta Theta Fraternity  
- Founding Father

UCSD Men's Ultimate Frisbee

## Hobbies/Interests

