

PRANAV MAYURAM



pranavm@umich.edu



(408) 750 4043



linkedin.com/in/pranavmayuram



github.com/pranavmayuram



Cupertino, CA



pranavmayuram.github.io

I am currently a Sophomore engineering student at the University of Michigan working towards a degree in Computer Science. I have built full stack web applications with a strong interest on the back-end. I feel that I have a keen eye for design, which helps me better envision the product as a whole. This allows me to design the back-end to be more modular for it to be most helpful from a front-end perspective.

SKILLS

Web Development Back-End

Couchbase Server
Node.js (Express Framework)

Web Development Front-End

Angular.js
HTML5/CSS3
Angular Material Design

Mobile

Ionic Framework
Swift (Beginner)

Core Languages

C++
GoLang (Beginner)

Query Languages

SQL
N1QL (Couchbase SQL for JSON docs)

Other Skills

User/Design Documentation
Technical Blogging
Github
REST APIs
Bash Scripting

REFERENCES

Gerald Sangudi

gerald@couchbase.com

Chief Architect, Query Engine

Keshav Murthy

keshav@couchbase.com

Director, Query Engine

EDUCATION

University of Michigan Ann Arbor - 2018 (expected)

B.S.E. Computer Science in School of Engineering - GPA: 3.45

Relevant Courses: ENGIN 101 (C++/Matlab), ENGIN 100 (Gaming for Good), EECS 280 (Data Structures), EECS 203 (Discrete Math), EECS 399 (Research)

WORK EXPERIENCE

Couchbase, N1QL Query Engine Intern

Mountain View, CA (May 2015 - August 2015)

- Developed social networking framework, Touchbase, with Node.js (Express), Couchbase Server, Angular.js and an Angular Material Design UI.
 - Built Touchbase using RESTful architecture and a series of REST APIs.
 - Made customizable for different use cases with a 'config.json' file.
 - Wrote in-depth design documentation & technical blogs abt Touchbase.
 - Contributed to the Couchbase Node.js SDK, & N1QL documentation.
 - View project at: <https://github.com/couchbaselabs/touchbase>.
- Developed areas of N1QL query engine's testing framework, written in Go.
 - Have a strong grasp of query language by writing many complex queries.
 - Automated parts of dev using Bash scripts to generate GoLang code.
- Fast-paced startup following Agile methodology. Conversant with full dev cycle of a product using Git code management and JIRA bug tracking.

LSV Asset Management, Intern

Chicago, IL (June 2013 - August 2013)

- Analyzed and generated daily cash-flow reports for all LSV traders. Used Excel for data analysis and visualization.
- Helped with crucial, global market trades using software like Charles River.

PROJECTS

University of Michigan Database Research (EECS 399)

(September 2015 - Current)

- Building a REST API to search alumni who are no longer in touch with UM, using social media APIs and Node.js. Working under Professor H V Jagadish.

CrowdPlay

(September 2015 - Current)

- Developing mobile app to crowdsource music playlists with Soundcloud API. Users add and vote for songs, and they are queued in order of highest votes.
- Honorable mention from LinkedIn for Most Professional Hack at MHacks 6.
- Built using Ionic framework, Angular.js, Node.js (Express) and Couchbase.
- View project at: <http://devpost.com/software/crowdplay-a7us4q>.

University of Michigan CPAP Bank

(August 2015)

- Developed website for U of M CPAP (sleep apnea machines) Bank to inform locals about how to donate and receive aid from the organization.
- Built with Angular.js, Node.js (Express) and Couchbase to track donations.
- View project at: <https://github.com/pranavmayuram/UMich-CPAP-Bank>.

OutsideHelp

(July 2015)

- Developed at OutsideHacks 2015, OutsideHelp is an application to allow medical volunteers at concerts to find people in need using geo-location.
- Built with Node.js (Express), Angular.js, Couchbase, Socket.io, and MDL.
- View project at: <https://github.com/pranavmayuram/OutsideHelp>.