

VYSHAKH KANDAMATH

vkandamath@gmail.com | (240) 899-7421 | www.vyshakh.xyz

EDUCATION

University of Maryland, College Park

Sept. 2013 – May 2017

B.S in Computer Science | Minor in Innovation and Entrepreneurship

- **GPA: 3.77 | Full-Ride Merit Scholarship (Banneker/Key)** and University of Maryland Dean's List
- **Coursework:** Organization of Programming Languages, Algorithms, Reverse Engineering, Computer Networks, Data Structures, Computer and Network Security, Concurrency, Database Design, Data Science, and Bioinformatics

SKILLS

- Proficient in *Python, Java, C, Grails, HTML, CSS, Javascript, jQuery, Github, Agile, data structures, and algorithms*
- Intermediate in *Unix, Socket.io, Node.js, Express.js, MVC frameworks, Django, PostgreSQL, and Oracle SQL*
- Some knowledge of *Apache Spark, Hadoop, HP Quality Center, Subversion, and Scala*

EXPERIENCE

Accenture Federal Services

Software Engineer

Sept. 2017 - Present

- Developed backend logic flows in Scala for large-scale application that is deployed to over 10 million Americans.
- Aided dev team to reach code maintenance goals by boosting SonarQube code coverage to 85% by sprint deadlines.
- Implemented several business logic rules in Drools to determine which services a user qualified for within the app.

Accenture Federal Services

Software Engineer, Intern

June 2016 - Aug. 2016

- Coded SQL scripts to prepare marketing leads data for predictive analytics, enabling USPS to better direct marketing.
- Streamlined dev team's operation by owning ~5-6 (as many as full-time engineers) complex SQL queries per day.
- Significantly optimized existing Java program for data comparison automation, reducing its runtime by ~400%.

Accenture Federal Services

Software Engineer, Intern

May 2015 - June 2015

- Built company-wide feedback tool to collect engineer's experience with Agile workflow, boosting feedback to 90%.
- Owned and implemented 1-2 major features per week including survey access and data visualization dashboard.
- Usability tested by demoing tool with 7-10 engineers from the company per week, optimizing tool's user experience.

PROJECTS

Chatlingual

Node.js and Express.js group chat application developed to remove the language barriers to messaging.

- Implemented Socket.io and MongoDB to allow users to create rooms and broadcast messages to one another.
- Translated messages in real-time, enabling users to send and receive in their native language.
- Designed and developed responsive UI in HTML, CSS, Javascript, and jQuery to ensure ease of use.

Tempo Tunes, Bitcamp 2016 – Hackathon

Android app developed for Myo armband to automatically change music genres based on runner's workout intensity.

- Implemented motion tracking with Myo SDK and Spotify playlist integration with Spotify SDK to switch genres.
- Utilized Matlab to differentiate motion tracking patterns among walking, jogging, and running data.

Gymder, Bitcamp 2015 – Hackathon

Pebble Smartwatch app that enables gym users to pair with workout buddies on demand.

- Implemented Pebble SDK to design watch app UI and maintain connection to phone and other Pebble watches.
- Developed mobile web interface in Sails.js to enable users to register their watches.