

DRAVID K. JOSEPH

1140 Parkside Circle, Lawrence, KS 66049 • (785) 764-6901 • dravidjoseph@gmail.com • github.com/dravidjoseph • www.dravidjoseph.com

EDUCATION

University of Kansas, School of Engineering - GPA: 3.1

Expected December 2017

Major: B.S. Computer Science, B.S Mathematics

Language Proficiencies : C++ (proficient),Java (proficient),Python (proficient).

RELEVANT COURSES

- | | | |
|-----------------------------------|-----------------------------------|---|
| • EECS 718: Graph Algorithms | • Computer Algorithms | • MATH 596: Topics in Biomedical Research |
| • EECS 710: Information Security | • EECS 645: Computer Architecture | • MATH 590: Linear Algebra |
| • EECS 665: Compiler Construction | • EECS 560: Data Structures | • MATH 558: Modern Algebra |
| • EECS 662: Programming Languages | • EECS 510: Computing Theory | • MATH 526: Applied Statistics |
| • EECS 660: Fundamentals of | • MATH 791: Modern Algebra I | • MATH 500: Intermediate Analysis |
| | • MATH 790: Linear Algebra II | |

EXPERIENCE

Education Testing Service, Secure Browser Organization-Lawrence, KS

October 2016-August 2017

Software Engineering Intern

- Organization manages standardized web-based testing for K-12 students nationwide.
- Implement static code analysis for all major repositories for the division.
- Rewrite reverse proxy software to expand access across desktop and mobile platforms.
- Extensive use of Git and JIRA to collaborate and communicate across projects.
- Partner with external software divisions to deploy software for monthly releases.

Skills: Git,Python, Node.js, Flask, JIRA, Maven, SonarQube

Garmin International, Automotive PND Division-Lawrence, KS

May 2015-August 2015

Software Engineering Intern

- Organization supports navigation devices sold between 2010-2014 using JIRA to publish bugs.
- Fix defects in automated speech recognition's (ASR) pronunciation of select keywords.
- Determine location of memory leaks leading to device crashes relating to ASR modules.
- Perform code reviews for other interns on different products using Gerrit.
- Considerable use of Git for fetching, modifying, and committing to development branches.
- Collaborate with team members across USA for problem solving.

Skills: C++,Git, Atlassian JIRA,Visual Studio, Gerrit.

University of Kansas, IT Division-Lawrence, KS

August 2014-Present

Student IT Assistant

- Provide personal technical assistance to faculty using IT systems in large auditoriums.
- Install, maintain and troubleshoot Polycom video conferencing tool for university meetings and classes throughout campus.

Skills: Operating Systems Windows(7,8), Mac OS X.

AllofE Solutions, Lawrence, KS

January 2013-March 2013

Software Development Intern

- Design internal bug processing interface using HTML, CSS, and Javascript for client-side interaction; PHP for server-side interaction.
- Collaborate with Academic Developer team to import test records from schools nationwide for data analysis.
- Create internal email tracking interface using HTML, CSS, and Javascript client-side; use MySQL to pull from a database containing relevant records.
- Provide technical documentation for interfaces described above.

Skills: HTML, Javascript, CSS, PHP, MySQL, Git, technical writing.

INDEPENDENT PROJECTS

Managr, Lawrence, KS

August 2016-May 2017

Developer

- Coordinate with five other team members to design, develop, and implement a novel application for contractors and other construction management specialists.

Skills: React Native,Javascript,HTML