

GLORY JAIN

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in gloryjain

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Education

University of Michigan College of Engineering

BSE Computer Science Engineering 2019

• EECS 482 (Operating Systems) • EECS 370

(Computer Architecture) • EECS 281 (Data

Structures and Algorithms) • EECS 280

(Programming and Data Structures) • EECS 203

(Discrete Mathematics)

Current Classes: • EECS 485 (Web Applications) •

EECS 376 (Foundations of Computer Science) •

EECS 285 (Java)

Stephen M. Ross School of Business

Minor Business Administration and

Management 2019

•STRATEGY 302 (Business Strategy) •MKT 302

(Marketing Management) •ENTR 410 (Finding

Your Venture) •ECON 101(Principles of

Microeconomics)

Skills

LANGUAGES

Fluent in:

C++, C, Python

Proficient in:

Java, Javascript

FRAMEWORKS

ReactJS

Flask

Spring

TESTING

Jest

Jasmine

PLATFORMS/OTHER

Xcode, Sublime, IntelliJ

Version Control: Github/Gitlab

Unix/Linux & Windows environment

Employment

Respond Software

Software Engineering Intern

Mountain View, CA

May 2017 to Aug 2017

•Used Javascript, ReactJS, Redux, and various testing platforms to create a model-builder web application as an internal tool for the security analysts' use. App produces a model for how security IT events need escalation based on certain probabilities and outcomes

University of Michigan Engineering

Research Assistant

Ann Arbor, MI

Oct 2015 to Apr 2016

• Used Matlab and C++ to understand and analyze the bubble cavitation data in soft tissue due to radiation and aided in the creation of a graphical tool to simulate bubble dynamics for use in future biomedical applications for alternative cancer treatments under Dr. Eric Johnsen

• Helped lead weekly discussions with professor/grad students about what needed to be completed for the graphical simulation tool

Projects

Learn Cricket! –JAVA

Designed an application in Java that allows users to understand how to play a simplified version of cricket from a baller's and batman's perspective using different panels to represent different gaming situations

Optimal path-finding application - C++

Creates an optimal and a fast route tracking mechanism given a map containing 2D coordinates using a minimum spanning tree, branch and bound, and Kruskal's Algorithms in 3 different modes for user to find most suitable path

Foodie App - Python

Created a web application using Python, Flask, HTML, and CSS(Bootstrap) and the Yelp Fusion API to find the best restaurants for a user given what user preferences entail; selected as Top 30 and chosen to attend a one-week summit based on this application

Awards

LinkedIn · Semifinalist @ LinkedIn Intern Hackathon

Jul 2017

• Placed as a semifinalist by creating a web application that aids millennials in investing in stocks through analyzing stock trends and displaying news briefings that could explain the trend in the stocks chosen by the user.

Capital One · 1st Place @ Capital One Summit Hackathon

May 2017

• Won 1st place in their 24-hour Hackathon "Banking for the Unbanked," creating a chatbot through Groupme and implementing it with a web platform to help friends invest in stocks together through easy withdrawal and depositing of money through a "like" feature. Used various API's such as Quandl, api.AI Bing, Groupme, and Nessie.

Leadership

Phi Gamma Nu · Professional Pledge Chair

2016 to 2017

Helped organize and lead workshops for the business fraternity for the professional development of its members

through workshops and providing networking opportunities for various companies such as Google, LinkedIn, Uber

FIRST Lego League · Cofounder/Coach

2014 to 2016

• Taught fourth and fifth grade girls to build and program Lego Mindstorm robots by holding workshops for 6-8 hours per week and providing tutorials on different components of robotics; resulted in the girls' increased understanding of programming and robotics concepts such as loops, sensors, and debugging.

• Encouraged female participation in STEM fields by fostering curiosity and providing a safe space for young women to learn applications of engineering.

Additional

Society of Women Engineers

Dance2xs Michigan Hip Hop Company

Ann Arbor, MI

Performed professionally for major university events, concerts, and dance shows

Game of Thrones Enthusiast