CHINMAY SAVANUR

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RELEVANT COURSEWORK

EECS 280   Winter 2020
Programming and Elementary Data Structures

EECS 203   Winter 2020
Discrete Math

EECS 183   Fall 2019
Elementary Programming Concepts

ECON 101   Fall 2019
Microeconomics

SKILLS

PROGRAMMING LANGUAGES
Java
C++
Python
HTML
Javascript
CSS
React Native

TOOLS
Visual Studio
Git
Eclipse
Android Studio
Atom

AWARDS

UNIVERSITY OF MICHIGAN

University Honors	Fall 2019

ROBBINSVILLE HIGH SCHOOL

Excellence in Computer Science	2019
AP Scholar with Distinction	2019

FIRST ROBOTICS

Winner at Bensalem District Competition	2019
Winner at Hudson Valley Regional	2018
Winner at Mid-Atlantic District Championships	2018
Finalist at World Championship Tesla Division	2018

EDUCATION

University of Michigan, Ann Arbor   Sept. 2019 to May 2023
Bachelor of Science in Computer Science
GPA: 3.675
Literature, Science, and the Arts Honors Program; Kappa Theta Pi Technology Fraternity Member; EECS 183 Grader

Robbinsville High School   Sept. 2015 to June 2019
GPA: 4.35
AP Computer Science Teacher's Assistant; FIRST Robotics Software Developer & Chief Strategist; FIRST Technology Team Student Mentor; American Legion Jersey Boys State

EXPERIENCE

FIRST Robotics Team 2590 Nemesis   Oct. 2016 to May 2019
Software Developer & Chief Strategist
- Utilized Java to program several subsystems, autonomous routines, and vision processing to meet technical and design challenges.
- Wrote custom control mechanisms and vision-based automatic aligning system to decrease cycle time using Java, Limelight 2 Vision Camera, NetworkTables API, and GRIP.
- Analyzed scouting data to develop match strategy and strategically identify alliance partners to optimize scoring and seeding during competitions.

Jeeva Informatics Solutions Inc.   June 2018 to Oct. 2018
Scientific and Technical Research & Development Intern
- Developed prototype mobile application to facilitate clinical data sharing between patients and medical professionals using React Native.
- Coordinated several teams of 3-12 using scrum to streamline programming and Software Requirements Specification documentation.
- Presented an in-depth lesson to peers on artificial intelligence and machine learning to raise awareness for the potential implications in the healthcare field.

LEAP Legal Software US   June 2018 to Aug. 2018
Operations and Software Development Intern
- Created 3 Javascript calculators and associated user interface for Design & Automation Team, providing clients with personalized information on Judgement Interest and Child/Spousal Support in the state of New York.
- Programmed a basic data migration script in SQL to convert customer data into LEAP data.

CodEd   July 2019 to Aug. 2019
Computer Science Instructor
- Created 19 original content videos in web-development course to prepare students for high school and college programming, gaining 300+ views.
- Presented topics including HTML and CSS languages, programming a first basic website, and programming a blog website.
- Videos available at http://www.thecoded.org/course/Web-Dev.

PROJECTS

CreativeAI   Nov. 2019 to Dec. 2019
- Trained a language model using Python to generate Shakespearean tweets by taking data from William Shakespeare's sonnets and created a Twitter Bot using the tweepy library to post each sequence to Twitter.
- Used the spaCy library to ensure that sentences did not end in adjectives, conjunctions, or determiners and implemented a feature to specifically generate love sonnets.

RareMedi   June 2018 to Oct. 2018
- Programmed mobile application to connect individuals with rare and undiagnosed diseases to Organization for Rare Diseases India, resulting in presentation at NORD Summit.
- Designed Application Framework under the Clinical Meteor stack to optimize mobile app development and securely share health data across platforms.