

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

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

Finalist at Indiana Robotics Invitational 2018

EDUCATION

University of Michigan, Ann Arbor

Sept. 2019 to May 2023

Bachelor of Science in Computer Science

Literature, Science, and the Arts Honors Program; Kappa Theta Pi Professional Technology Fraternity

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 Challenge Student Mentor; Model UN; 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 in Java to meet technical and design challenges.
- Wrote custom control mechanisms and vision-based automatic aligning system to decrease cycle time using the Limelight 2 Vision Camera.
- Analyzed scouting data to develop match strategy and strategically identify alliance partners to optimize scoring and seeding during competitions.

Jeeva Informatics Solutions LLC

June 2018 to Oct. 2018

Scientific and Technical Research & Development Intern

- Led project to develop mobile applications that 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 Inc.

June 2018 to Aug. 2018

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 50+ 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

- Utilized Python to train a language model to randomly generate a Shakespearean tweets by taking data from Shakespeare's sonnets and using a Twitterbot to post each generated 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 (ORDI), resulting in presentation at National Organization for Rare Diseases Summit.
- Designed Application Framework under the Meteor stack to optimize mobile app development and securely share health data across platforms.