

# 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 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

Finalist at Indiana Robotics Invitational 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 Professional 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 Challenge 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 computer 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 Shakespearean tweets by taking data from William 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.