CHINMAY SAVANUR

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EDUCATION

University of Michigan, Ann Arbor — **September 2019 - May 2023**
Bachelor of Science in Computer Science
- **Cumulative GPA:** 3.662
- **Relevant Coursework:** EECS 281 Data Structures & Algorithms (FALL 2020), STATS 250 Introduction to Statistics and Data Analysis (FALL 2020), MATH 214 Applied Linear Algebra (SUMMER 2020), EECS 280 Programming and Elementary Data Structures, EECS 203 Discrete Math

Robbinsville High School — **September 2015 - June 2019**
- **Cumulative GPA:** 4.35
- **Activities:** AP Computer Science Teacher's Assistant; FIRST Robotics Software Developer & Chief Strategist; FIRST Technology Team Student Mentor; American Legion Jersey Boys State

EXPERIENCE

Jeeva Informatics Solutions | *Scientific and Technical R&D Intern* — **June 2018 - October 2018**
- 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.

LEAP Legal Software US | *Operations and Software Development Intern* — **June 2018 - August 2018**
- Wrote 3 Judgement Interest and Child/Spousal Support calculators providing clients with personalized information using JavaScript.
- Programmed a basic data migration script in SQL to convert customer data into LEAP data.

University of Michigan | *EECS 183 Grader* — **January 2020 - Present**
- Assist students in code quality in the introductory C++ course, EECS 183 Elementary Programming Concepts, at the University of Michigan with 1000+ students.

CodEd | *Computer Science Instructor* — **July 2019 - August 2019**
- Created 19 original content videos on HTML and CSS to prepare students to build personal websites, gaining 300+ views (http://www.thecoded.org/course/Web-Dev).

ACTIVITIES

Kappa Theta Pi Technology Fraternity | *Ethics of Tech Committee Lead* — **April 2020 - Present**
- Plan and lead weekly discussions of 10+ people about current relevant issues in the field of technology.

FIRST Robotics Team 2590 Nemesis | *Software Developer & Chief Strategist* — **October 2016 - May 2019**
- Utilized Java to program several subsystems, autonomous routines, and vision processing to meet technical and design challenges.
- Wrote custom control mechanisms and a 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.

PROJECTS

Machine Learning Classifier — **April 2020**
- Built a program to categorize online forum posts using natural language processing, Binary Search Trees, and Maps in C++.

CreativeAI — **November 2019 - December 2019**
- Trained a language model to generate tweets by taking data from Shakespeare's sonnets and created a Twitter Bot to post each sequence to Twitter using Python, tweepy library, and spaCy library.

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

SKILLS

Programming Languages: C++, Java, Python, HTML, JavaScript, CSS, React Native
Tools: Visual Studio, Git, Eclipse, Android Studio, Atom