

# RAM NATLA

✉ ramnatla@gmail.com    🌐 ramnatla.github.io  
☎ 517-879-6857  
in <https://www.linkedin.com/in/ram-natla>    📄 ramnatla

## SKILLS

**LANGUAGES:** Proficient in C++,  
Proficient in Javascript,  
Proficient in Python,  
Familiar with HTML/CSS  
**FRAMEWORKS:** React.js

## EDUCATION

**University of Michigan**      **Sept. 2017 to Apr. 2021**  
B.S. Computer Science 2021  
GPA: 4.00 / 4.00  
Relevant Coursework: Intro to Data Structures (EECS 280), Intro To  
Crypto (MATH 175), Discrete Mathematics (EECS 203), Data Structures  
and Algorithms (EECS 281)

## PROJECTS

### HEXAGON ALEXA SKILL Oct. 2018

- Developed an Amazon Alexa skill that allows the user to interact with StockX's website through Amazon Web Services (AWS). Created personalized recommendations based on the user's preferences
- Configured the skill to trigger a Python written lambda function that employed the StockX API

### SMART BRAIN FACIAL RECOGNITION APP Summer 2018

- Utilized the Clarifai Predict API and ReactJS framework to create a facial detection website that draws a box around a face in any given image
- Created a database where users' login information was stored through PostgreSQL
- Incorporated Node.js through Express to allow the front end to communicate with the database

### SPORTS NEWS APP Summer 2018

- Built a constantly updating news website with the NewsAPI that generates top articles in individual sports. Developed the web application through the ReactJS framework

### CONNECT FOUR Fall 2017

- Applied C++ to develop an artificial intelligence for the popular board game Connect Four
- This AI employed recursion to optimize move selection based on potential move implications

## LEADERSHIP

### UNITED STATES SOCCER FEDERATION Okemos, MI Head Soccer Referee Dec. 2011 to Current

Assumed a leadership position in a three man soccer referee team. Acted as a liaison between the USSF and travel soccer teams

## ACTIVITIES

### BYTE LABS TECH CONSULTING TEAM · Talent Member Sept. 2018 to Current

Worked on a cloud infrastructure project for a startup based in San Francisco. Hosted a series of tech talks on various subjects with other student organizations on campus

### MICHIGAN HACKERS · General Member Sept. 2017 to Current

Engaged in lightning talks and weekly programming sessions to gain a broader understanding of programming skills outside the university curriculum

### INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) Sept. 2017 to Current

Attended professional/technical talks about upcoming advancements in software/tech fields