Michael Radey

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EDUCATION

The Ohio State University, Columbus, OH   Overall GPA (4.00 scale): 3.41
BS Computer Science and Engineering | Honors Program   May 2020
Alpha Lambda Delta and Phi Eta Sigma Honor Society Member

SKILLS

- Certified in Python
- Proficient in React-Native, React, SQL, C, C++, Java, Javascript, Linux, .NET, Excel, and HTML
- Basic understanding of CSS, C#Matlab, Minitab, R, Swift, and XML

WORK EXPERIENCE

Praemisit Software Consulting LLC Founder, Columbus, Ohio   May 2018 – current
- Created a startup aimed at implementing machine learning techniques in mobile applications
- Raised $2,000 from the Ohio State University for developer licenses and software to design applications
- Made a mobile application using React Native and a web application using Python for two different clients

FrogTutoring Tutor, Columbus, Ohio   January 2018 – current
- Create lesson plans on a week to week basis to tailor to each of my three clients' different needs and strengths
- tutor Python for web development and prepare clients for the AP Computer Science exam

TLCEngine Intern, New Burnswick, New Jersey   June 2017 – August 2017
- Collaborated with a startup company to help real estate companies determine best regions to maximize client base
- Worked with Python, PostGIS, and PostgreSQL to perform hexagonal clustering data analysis
- Adapted drive time analysis website to include more input parameters from users
- Developed project featured in Money Magazine that showed all U.S. zip codes' main commute city

ACADEMIC ENGINEERING PROJECTS

Honda INNOVATE-O-thon   May
- Won first place at a weeklong Honda sponsored event where teams creatively solved a problem given by Honda
- Our solution used Augmented Reality functionality as the means to help facilitate navigation

FEH Robot Design Project   January 2017 – April 2017
- Designed a robot capable of completing assigned tasks on a course created by TAs
- Linked drivetrain and functional arm to custom C++ code using Ohio State's Proteus microcontroller
- Received 2nd place award for outstanding achievement in innovation during competition

ORGANIZATIONS

President of Design Develop Deploy, Columbus, Ohio   January 2017 – current
- Designed mobile application that takes an image of a handwritten data table and returns an excel file of that data
- Lead a twelve-week program that acts as an incubator for students to experience what it is like to run a startup
- Partnering with Honda to promote entrepreneurship and give students resources to develop their ideas
- Collaborating with BOSS and building a larger entrepreneurship community on Ohio State's campus

Big Data and Analytics Association, Columbus, OH   January 2017 – current
- Attend weekly lectures from management in companies to learn about data analysis in big data
- Received certification for Data Science in Python for Finance from company Cognitr
- Learned to design a neural network in R through J.M Smucker Company

VOLUNTEER EXPERIENCE

Tutoring Society, Plainsboro Public Library, Plainsboro, NJ   October 2014 – May 2016
- Founded organization at library to increase the interest in chess for children; tutored each week
- Volunteered at the library and tutored children K-12 for two hours a week in all subject fields