Ryan Mahan
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Greater Boston Area
Massachusetts
(508)-244-0739

EXPERIENCE

OPTUM, Boston MA
Technology Development Program Intern, May 2018 - August 2018
- Develop regression, classification, and clustering Machine Learning algorithms to provide Time to Build estimation and quantification to inconsistent CA Agile data.
- Design and create web frontend using JQuery for care providers to display Social Determinant of Health data.
- Provide high-level application planning and architecture and lead a team of developers to create two different products over the course of the 11 week internship.

UMass College of Information and Computer Sciences, UMass Amherst
Committee for Outreach and Recruitment Member, January 2017 - Present
- Lead potential students on tours of UMass Amherst's Computer Science Program.
- Attend open houses and communicated the principles of what makes UMass Amherst's Computer Science program better than other colleges.
- Assist in Administrative tasks such as organizing, taking phone calls, and scheduling.

UMass Student Government Association, UMass Amherst
Speaker of the Undergraduate Senate, April 2017 - Present
- Communicate complex university structures and policies in a way that is easy to understand to the student body and gather feedback on what constituents want.
- Lead the 60 member legislative branch with 8 direct reports, organizing weekly meetings, managing agendas, and directly supervising legislative branch member's projects.
- Develop web frontend with Vue to provide an easy way for students to provide direction and help their representatives prioritize changes on campus.

TECHNICAL SKILLS

Machine Learning, Full Stack Web Development, Vue, JQuery, Ruby, C/C++, Java, Python

EDUCATION

University of Massachusetts Amherst   Anticipated May 2019
Bachelor of Science in Computer Science   GPA: 3.3

ACTIVITIES

Boy Scouts of America Scout and Leader (Eagle Scout)
Student and Local Government
HackUMass Web Development Team and Organizer
Hiking, Running, Calligraphy