

Ajay Williams

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Education

Furman University

Greenville, SC

Graduation: May, 2018

- Bachelor of Science in Computer Science
- Public Relations Chair of Tau Kappa Epsilon (Fall 2016-Spring 2018)
- Student Athlete
- Dean's List

Experience

Software Development Intern

NET3 Technology, Greenville, SC

March 2018-May 2018

- Worked closely with an agile based team to implement key components of overhauling a WordPress framework
- Wrote JavaScript, HTML, CSS for e-commerce platform
- Contributed many changes to the core of designing aesthetically pleasing UI

Counselor

Bridges to a Brighter Future, Greenville, SC

June 2016-March 2018

- Acted as a resource and mentor to students in a nationally recognized College Access Program
- Collaborated with fellow counselors to establish rules and daily schedules.
- Developed effective ways to communicate standards to students as well act as a mediator during conflict resolutions
- Coordinated events and activities for 99+ students while ensuring safety and well-being

Social Media Coordinator/Public Relations Chair

Tau Kappa Epsilon

June 2016-May 2018

- Managed the social media presence for the chapter
- Created engaging text, image and video content and multiple campaigns for rush season as well as philanthropic work
- Developed an optimal posting schedule, considering web traffic and customer engagement metrics

Tutor

Furman University

June 2015-May 2018

- Tutored for Intro to Programming, Data Structures and Algorithms
- Assisted Computer Science students with testing and debugging their programs
- Assisted students with other course work materials in Chemistry, Intermediate Spanish and Intermediate German

Projects

Pathfinding Algorithms for Games

- Designed and run custom pathfinding algorithms for games with the purposes of finding the most efficient path while minimizing costs
- Worked with various algorithms like A* and Dijkstra's algorithm
- Investigated the heuristics of the said pathfinding algorithms and their efficiencies

Furman Computing in Community

- Worked with my team to design a Full LAMP stack web application that allows students to do development projects in partnership with the community
- Application informs potential partners of how they could get involved or request a project as well as allow current and potential partners and students see various projects that have been done
- Gathered business requirements, communicated design plans and led team meetings

Website Redesign

- Implemented design overhaul of site using WordPress following design requirements from team

Skills

- Proficient in JavaScript, Java, Python, C, AngularJS, Laravel, Auth0, XAMPP, Node.js, Vue, PHP, MySQL, HTML5, CSS
- Knowledgeable in web design, database design, unit testing
- Good understanding of complex algorithms and object-oriented programming.
- Languages: Intermediate Spanish, Basic German