David Fan

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Profile

Software Intern with six years of programming experience, strong problem-solving skills, and technical expertise (Java, Ruby, Rails, HTML 5, CSS, JavaScript)

Education

Case Western Reserve University, Cleveland OH
Bachelor of Science, Computer Science, Expected May 2019
Bachelor of Arts, Cognitive Science, Expected May 2019
Cumulative GPA: 3.5

Related Coursework

Introduction to Artificial Intelligence, Linear Algebra, Discrete Mathematics, Introduction to Data Structures, Logic Design and Computer Organization, Introduction to Computer Game Design and Implementation

Experience

MAHLE-Behr Troy Inc., Lockport NY
Software Engineering Intern, June 2016 – August 2016
- Developed a computational fluid dynamics (CFD) tool in Java, which reduced workflow time from one hour to five minutes, to improve the efficiency of the technical center's heating, ventilation, and air conditioning (HVAC) fluid and thermal field analysis
- Leveraged communication with HVAC designers and CFD analysts to effectively create CFD tool
- Presented project to company management, highlighting improvements from prior tool

Activities

Case Western Reserve University Mock Trial A Team, August 2015 – March 2016
- Acted as lead expert witness at various tournaments across the country

App Development Club, September 2013 – May 2015
Co-founder & President
- Led club of twenty members in meetings twice a week to collaborate on programming projects

Honors

Dean's High Honors
Michelson-Morley STEM Scholarship
National Merit Scholarship
National AP Scholar