FIRST LAST

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EDUCATION

UNIVERSITY *Los Angeles, CA*
Bachelor of Engineering *Expected May 2022*
Major in Computer Science; Minors in Mathematics and Psychology
Cumulative GPA: 3.58/4.0, Dean's List 2018-2020
Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

HIGH SCHOOL *Boston, MA*
Memberships: National Honor Society, Key Club, Robotics Club *May 2018*

WORK EXPERIENCE

SOME ENGINEERING COMPANY *Los Angeles, CA*
Mechanical Engineering Intern *Jun 2019 – Sep 2021*
- Coordinated hydraulic testing of pumps to verify performance parameters such as total dynamic head, volumetric flow rate, and efficiency; directed post-test work instructions, increasing efficiency by 3%
- Created pump quotation software using Excel VBA to configure and price vertical circulating water pumps; reducing the lead time of pump quotations by 50%
- Analyzed pricing data from domestic/overseas suppliers and determined supply chain decision making for pump components such as discharge head, columns, casings, impellers, shafting, and bearings
- Designed pumps from concept to production with CAD software such as Creo / ProEngineer

ACTIVITIES

FORMULA SAE (SOCIETY OF AUTOMOTIVE ENGINEERS) *Los Angeles, CA*
Chassis Design *Sep 2018 – Present*
- Founded the first ever Business School to organize finance training for 50 students
- Organized and advertised 10+ quarterly networking events with 300+ participants in 3 universities in Boston

ENGINEERING HONOR SOCIETY *Los Angeles, CA*
Committee Member *Jan 2017 – Present*
- Acted as general member of engineering honor society regarding top 10% in GPA; attended networking events, performed community service, and collaborate with other top performing engineering students
- Participated in 10+ quarterly networking events with 300+ participants in 3 cities in California

UNIVERSITY PROJECTS

TENNIS RACKET *Feb 2020*
- Designed a tennis racket into 3D CAD using SolidWorks through reverse engineering
- Performed Finite Element Analysis (FEA) on racket using operating conditions; resulted in an accurate representation of the force being dissipated throughout the racket

TRAFFIC SIGNAL *Jan 2019*
- Designed and implemented optimal traffic stop light based on traffic data utilizing MATLAB
- Used various programming techniques to achieve completion of the project such as if/when statements and for/while loops

ADDITIONAL

Technical Skills: Advanced in CAD (SolidWorks, AutoCAD) JavaScript, HTML/CSS;
Programming Skills: Proficient in MATLAB, Python
Languages: Fluent in French, English; Conversational Proficiency in Japanese
Certifications & Training: SolidWorks, AutoCAD
Awards: Dean's List Multiple Semesters (2018, 2019, 2020)