

Christian Holmberg

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EDUCATION

University of Southern California, Viterbi School of Engineering Los Angeles, CA
Bachelor of Science in Astronautical Engineering May 2024
Relevant Coursework: Introduction to MATLAB, Calculus I & II Major GPA: 4.00 GPA: 3.92

SKILLS

Programming Languages: JavaScript, ReactJS, CSS, HTML, MATLAB
Development Tools: Kubernetes, Git, WordPress
Technical Skills: Microsoft Word, PowerPoint, Excel, SEO, WordPress Plugins
Languages: Spanish (Advanced Conversational)

PROFESSIONAL EXPERIENCE

Freelance Web Developer Virtual
Full Stack Developer August 2019 – Present

- Experience in creating and designing intuitive websites
- Quickly learn new technologies and libraries
- Punctual and efficient when completing contract work

Harvard Effective Altruism (EA) Arete Fellow Cambridge, Massachusetts
Fellow August 2020 – December 2020

- Lead and facilitate active discussions about altruist behavior
- Published an article in the Harvard EA Blog regarding moral philosophies
- Debate an array of ethical issues facing us world today (AI, Animal Rights, Global Health, etc.)

PROJECTS

Project for Efficient Rocket Propellant Combustion Los Angeles, CA
Co-Creator January 2020 – Present

- Developed Rocket Propulsion Laboratory's finocyclic (star-like) geometry, for casting solid propellant to create a flatter, more efficient burn profile

LEADERSHIP & INVOLVEMENT

USC Rocket Propulsion Laboratory Los Angeles, CA
Rocketry Developer January 2020 – Present

- Accelerated rocketry development and construction
- Enhanced and documented specialized teams (Propulsion, Head-End Ignition)
- Produced prototypes for industry-leading solid propellant burn geometry

Lambert Compass Ambassadors Suwanee, GA
Team Leader January 2016 – May 2019

- Lead a group of ambassadors to represent our school to improve school atmosphere
- Attended state and regional conferences
- Fostered growth and development of school culture