

Liam Llorin

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Summary	<p>Stanford sophomore pursuing Bachelors in CS and eager to work with scalable industry technologies. Self-taught in 4 languages, 3 libraries with substantial frontend client portfolio. Experienced in computational logic, APIs, Augmented Reality, systems, OOP, and learning mobile development.</p>
Work Experience	<p>AI/Logic Research Intern, Stanford University CURIS June 2018 - Present</p> <ul style="list-style-type: none">- Pursuing research project (Logical Spreadsheets) under Stanford AI professor Michael Genesereth- Developing dynamic program sheet with Prolog for Master's students fulfilling degree requirements <p>Technical Aide, Johns Hopkins Applied Physics Laboratory May 2017 - Sep 2017</p> <ul style="list-style-type: none">- Modeled satellite trajectories and devised timely solutions for Aerospace mentor with STK software- Developed confidential AR HoloLens missile defense visualization for military VIPs using Unity, C# <p>ASPIRE Intern, Johns Hopkins Applied Physics Laboratory Nov 2016 – May 2017</p> <ul style="list-style-type: none">- Under Aerospace Engineer mentor, finished year-long research paper with MATLAB/STK software- Presented fighter pilot G-force predictions during flight maneuvers to 100+ peers and instructors
Personal Projects	<p>Developer, CodePen June 2017 – Present</p> <ul style="list-style-type: none">- Programmed 6 applications published on CodePen using web APIs attracting daily user interaction- Performed AJAX requests for sports, weather, quote, and geolocation API data in JSON format- Learning React and Redux to create markdown previewer, Simon game, drum machine applications <p>Developer, Heap Allocator May 2018 – June 2018</p> <ul style="list-style-type: none">- Programmed allocators (implicit/explicit list) for dynamic memory allocation with in-place reallocation- Using C and Assembly, achieved average memory utilization rates: 75% (implicit) and 80% (explicit) <p>Developer/Founder, STRONGSUIT Web Development May 2017 – October 2018</p> <ul style="list-style-type: none">- Developed/designed 4 responsive sites for business and clients (landing pages/personal sites)- Devised work contract and visited clients to discuss logistics and preferences.- Developed in HTML, CSS, Sass, Javascript, jQuery, and some Python for 300+ hours for clients.
Education	<p>Stanford University June 2021 GPA - 3.76</p> <ul style="list-style-type: none">- Computer Science (CS106A, CS106B, CS107), Entrepreneurship (MSE472), Public Speaking (ENGR13) <p>Catonsville High School June 2017 GPA - 4.0</p> <ul style="list-style-type: none">- AP: 2016 AP Scholar with Distinction, Calculus BC (5) (AB subscore: (5)), Physics 1 (4)
Skills	<p>Adept: HTML • CSS3 (Bootstrap/Sass) • Javascript/jQuery • Java • C++ • C • Assembly • React • Prolog</p> <p>Competent: MATLAB • Photoshop • Unity • STK (Space Toolkit) Software • C# • Unity</p>
Leadership Experience	<p>BASES (Business Association of Stanford Entrepreneurial Students) Oct 2017 - Present</p> <ul style="list-style-type: none">- One of 20 (8% acceptance rate) applicants accepted to the frosh (Frosh Battalion) program in BASES- Pursued entrepreneurship workshops - VC's, seed investing, marketing - ran by CEOs, investors, etc.- Helped organize and run "100K Startup Challenge" for entrepreneurs pitching Stanford startups <p>Comet Culture Leader Sep 2016 - June 2017</p> <ul style="list-style-type: none">- Presented to classes weekly on school values (anti-bullying, participation, etc.) <p>Varsity Soccer Captain Oct 2014 - Nov 2016</p> <ul style="list-style-type: none">- Captained from Sophomore year to Senior year, won Baltimore County Championship ('15, '16).- Earned Unsung Hero Award ('14) and Baltimore All-County Team ('15, '16).