

Jason Ethan Wu

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Objective

Seeking a summer internship to gain real-world experience as well as to make a difference in industry.

Education

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| UC San Diego | <ul style="list-style-type: none">▪ Computer Engineering B.S. expected by June 2018.▪ 4.00 Major GPA, 3.88 Overall GPA |
| Programming Experience | <ul style="list-style-type: none">▪ Languages: Java, C++, C#, C, HTML/CSS, Python, Perl, Node.js, Angular.js▪ Tools: Unix, Vim, Git, jQuery, JSON, AJAX, Handlebars, Firebase, Regex. |
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Projects and Coding

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| Programming Competitions | <ul style="list-style-type: none">▪ Competing for the UCSD ICPC SuperTeam, placed top 20 in the SoCal division last year.▪ 3-time winner in a university-wide coding challenge open to all lower-division students.▪ Using Java and C++ in competition. |
| Boxes
<i>Logic Development Game</i> | <ul style="list-style-type: none">▪ Developed a programming puzzle game from scratch using Unity (C# Scripting).▪ Teaches people how to think like a programmer and use loops, conditionals, and more!▪ Received 15,000+ plays and retained an impressive 3.5 star rating on a popular online showcase site. (http://www.kongregate.com/games/Epixyl/boxes)▪ Features encryption of data to store user-generated levels, persistence of memory to retain game states, and data structures to create fast simulations of the game for validation. |
| Verimark
<i>Document Signing Tool</i> | <ul style="list-style-type: none">▪ Developed a document signing application using AngularJS frontend and a C# backend in a team of 10 engineers.▪ Used Firebase and Kloudless as databases to store documents and account information.▪ Features two-way verification, group digital signing, and generation of signed PDFs. |
| Capture
<i>Social Exercise Game</i> | <ul style="list-style-type: none">▪ Developed a webapp using Node.js and HTML/CSS that motivates users to explore.▪ Used jQuery, Handlebars, JSON, and MongoDB to provide an interactive experience.▪ Applied needfinding, paper prototyping, heuristic evaluation, A/B Testing, and Google Analytics to iterate on the design. |
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Work Experience

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| Software Eng. Intern
<i>Samsung Mobile</i> | <ul style="list-style-type: none">▪ Developed Python and Perl scripts to make sense of 500MB+ text files in seconds by using the data and Regex to generate Excel charts and diagrams.▪ Developed a C# application to perform efficient, deep searches into any filesystem, featuring quick in-text searches and result caching.▪ Analyzed the Microservices concept and how it could be implemented in company systems. |
| CSE Department Tutor
<i>Gary Gillespie, Rick Ord</i> | <ul style="list-style-type: none">▪ Tutored 4 quarters of over 200+ students in data structures and C/Assembly programming.▪ Analyzed and evaluated programs for correctness, efficiency, and style.▪ Collaborated with students to find program defects during lab hours.▪ Webmaster for class websites. |
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