

glorialiou

engineer, designer, violinist

about

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ln://glorialiou
gh://glorialiou

languages

english, chinese,
spanish

programming

proficient: Java, HTML,
CSS, JavaScript, ML.
familiar: C, Objective-C,
Python, AJAX, JSON.

activities

5C Hack (HackWeek &
Logistics), orchestra
(concertmaster),
bollywood dance team

organizations

Intervarsity Christian
Fellowship, 5C Mental
Health Alliance

education

- 2014-2018 **Computer Science** Pomona College, Claremont, CA
Linguistics and Cognitive Science
Pomona College Scholar, GPA: 3.84/4.00
- 2010-2014 National AP Scholar, GPA: 4.62/4.00 (Top 5% of Class) Saratoga High, Saratoga, CA

experience

- 08 2015-Pres **Pomona College Computer Science Department** Teaching Assistant
Hold weekly mentor sessions to help 50 students with assignments in algorithms and complexity, formal systems, computability, and programming languages. Debug scripts used to test assignments, correct student work, and provide constructive feedback.
- 12 2014-Pres **Harvest Learning Group, San Francisco, CA** Content Design Intern
Develop curriculum for online courses teaching programming skills to entrepreneurs and students. Research advances in cognitive science and social learning using on-line databases, journals, and newspapers.
- 06-07 2014 **Camp Bizsmart, Los Gatos, CA** Assistant Director
Organized daily activities and events, including presentations from startup founders in the Silicon Valley. Prepared 60 participants for a business plan competition through lessons in entrepreneurship and team-building exercises. Mentored the winning team, focusing on finance and marketing.

projects

- 12 2015 **Christ for the City International, website** coming soon
New website for Christ for the City International's Costa Rica base. Optimized for desktop use. Translated from English to Spanish.
- 04 2015 **Just My Type, online game** justmytype.herokuapp.com
Online typing game allows users to choose a topic of interest. Algorithm searches through NY Times to find recent articles about the topic.

research

- 12 2015-Pres **Topic Modeling in Programming Languages** Pomona College
Redesign current system to run with new models. Apply TMPL tool to new data sets.
- 06-08 2013 **Bacteria Species in Vermicompost** U.S. Department of Agriculture
Used standard microbial culture-based methods to study the composition and diversity of vermicompost samples.

interests

human-computer interaction, user experience design, artificial intelligence, natural language processing, product management, social psychology, violin, orchestra, dancing, pilates, poetry