geraldbrown

software engineering intern

contact

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URL:
www.geraldcodes.com

LinkedIn:
linkedin.com/in/geraldcodes

GitHub:
www.github.com/gemabrow

proficient in

LaTeX
♥ *nix, Git
Java
C, C#
XML, XAML
CSS3 & HTML5
Google Maps SDK

familiar with

C++
Prolog
Python
Haskell
JavaScript
(VG, Raphael, jQuery)

education

2013 – present **B.Sc.** Candidate, expected Dec. 2016 — University of California, Santa Cruz
Majoring in Computer Science

2010 – 2013 **Associate's. cum laude** — Merced Community College
Faculty-Selected Honors A.S. in Computer Science,
A.A. in Engineering, A.S.T. in Mathematics, A.S. in Physics

coursework

Algorithm Design, Computational Modeling, Computer Systems & Assembly Language, Computer Architecture, Discrete Mathematics, Introduction to Artificial Intelligence, Operating Systems, Probability Theory, Software Engineering, Vector Calculus.

experience

2016 – present **Storage Systems Research Center** — Student Researcher
Performing investigative research for a research proposal pertinent to archival storage, large-scale distributed storage systems, or security and reliability in storage systems.

2012 – 2013 **Merced Community College Tutorial Center** — Tutor
Utilized adaptive communication skills to engender students' success in Computer Science, Mathematics, and English courses.

2006 – 2013 **Starbucks Coffee Company** — Barista
Recognized for speed of service and an infectious smile.

projects

2016 **SlugLife**
Android/iOS application which tracks UCSC campus shuttles and communicates with several databases to provide shuttle locations, upcoming events, occupancy of gym facilities, and more.

recognition

Dean's Award
Credited for contributions to SlugLife project, winner of 2016 – 2017 UCSC Baskin School of Engineering Dean's Award for outstanding undergraduate achievement.

Workshops for Engineering and Science Transfers (WEST)
Selected for participation. Presented findings from applying engineering methods to fundamental concepts in hydrodynamics and water-driven power generation.