

Pierson Marks

243 S. Del Giorgio Rd., Anaheim Hills, CA, 92808

piersonmarks@engineering.ucla.edu | <https://piersonmarks.com/> | 1 (714) 600-3210

PROJECTS

Reliable, Compressed, & Secure Network Communication via Embedded IoT System

- Multi-process telnet-like client/server passing compressed I/O over TCP socket.
- Read, log, and securely transfer (via SSL) data from external temperature sensors.

Asynchronous Application Server Herd via Python *Asyncio*

- Implementing a simple flooding algorithm to propagate location information from the Google Places API using the event-driven, lightweight *asyncio* framework.
- Emulating mobile devices using TCP connections where each device can post, receive, and query information (in JSON format) from any connected server.

Verilog Dice Game on Field Programmable Gate Array Board

- Creating an intuitive dice game in the hardware description language Verilog using physical input buttons, seven segment displays, and logical module implementations.

EXPERIENCE

Dec. 2017 – Present

President, Bruin Ventures – <https://uclabv.com/>

- Preparing students for opportunities in technology and entrepreneurship through professional resources, rigorous curriculum, and mentorship.
 - Established three new programs: BV Build, BV Research, BV Connect.
 - Instructing quarter-long programs of Venture Capital fundamentals.
 - Redesigned Website (HTML5/Bootstrap) & External Appearance (SEO).

Dec. 2016 – 2017

General Analyst, Bruin Ventures

- Helped develop external relationships and improve recruitment process
 - Implemented a recruitment strategy that increased applicants +409% (YTD).
 - Partnered with Brad Feld, UCLA School of Management, Science Inc.
 - Hosted speakers such as Scott Dudelson (SwagBucks), Mark Suster (Upfront Ventures), Luke Smiley (Clutter), Dr. Ron D. Ford, etc.

EDUCATION

*2016 – June 2020
(expected)*

B.S. Computer Science — University of California, Los Angeles

Relevant Coursework: Operating System Design, Low-Level Construction, Functional & Object-Oriented Programming, Algorithms, Entrepreneurship & Venture Initiation, Computer Systems Architecture

Languages: C, Python, Java, OCaml, Prolog, Lisp, PHP, JavaScript, Bash

INVOLVEMENT

2016 – Present

Lambda Chi Alpha Fraternity – Chairman of External Relations (Former Secretary)

2014 – Nov. 2017

We Give Thanks, Inc. – Webmaster

- *Southern California's Largest Thanksgiving Philanthropy hosted by Wells Fargo and the Anaheim Ducks*

2014 – Present

Graphic Design – Adobe Illustrator, Adobe Photoshop, & Sketch

2012 – 2016

National League of Young Men (NLYM) – Secretary & Correspondent