

Conner Addison

(415) 238-7750
c22addison@gmail.com
Santa Barbara, CA

WORK EXPERIENCE

Phil Reilly & Co.

Database & IT Systems Administrator, 2017-2018

Architected and parsed over 70,000 data entries into a comprehensive database of customers, projects, and records; provisioned hardware; and established back-end for security improvements

Mechanical Technician, 2013-2016

Hands on mechanical repair and maintenance of vintage Formula 1 racecars and one-of-a-kind, multimillion-dollar vintage luxury cars

Paddock Ignition

Editor & Lead Blogger, 2016

Reported on the automotive community, finding newsworthy material and creating digital content to generate interest in a startup car forum

INTERNSHIP EXPERIENCE

UC Berkeley CITRIS Labs

Lab Technician, 2014

Led two interns in designing and constructing lab improvements, including setting up and introducing lab teams to innovative manufacturing equipment such as 3D printers, CNC routers, microchip engravers, and laser cutters

Kasowitz, Benson, Torres & Friedman LLP

Courtroom Evidentiary Intern, 2013

Conducted real-time, courtroom floor analysis of testimony and evidence in federal case; spotting inaccuracies for defense team

Law Research Intern, 2012

Analyzed and indexed 6,000 pages of pretrial testimony, financial documents, and crime reports to prepare defense team for trial

PROJECT EXPERIENCE

Asymptotic Analysis & its Applications in Financial Derivative Pricing of European Options with Stochastic Volatility

Authored a research paper on the applications of higher-level math techniques in predicting prices of financial derivatives; pursued the topic further in ongoing machine learning project

Sterling Schiff Design Channel

Founded an educational YouTube channel with over 60,000 viewers that focuses on teaching 3D CAD and rendering

BlendSwap CAD Repository

Creator of Top 10 most downloaded Blender file out of 20,000 in collaborative effort to create largest .blend library

EDUCATION



B.A. Physics Minor in Philosophy

UC Santa Barbara

Candidate 2020

SKILLS

- **Programming** in Python, JavaScript, WebGL, Mathematica, MATLAB, and SQL
- **3D CAD** expertise in SolidWorks, Autodesk Fusion360, and Blender
- **Data analysis** experience in Python with pandas, numpy, vectorized functions, and machine learning using sk-learn & Tensorflow
- **Graphic design** with Adobe Photoshop, Illustrator, and InDesign; sketching, drafting, and photography
- **Analog electronics** experience with oscilloscope testing, signal processing, PSpice simulation, and PCB layout in Autodesk Eagle
- **Rapid prototyping** with 3D printing, CNC routing, machining, and breadboarding
- **Microsoft Office** suite of programs including Word, Excel, and PowerPoint
- **Strong communicator** with compelling written, oral, and visual presentations

AWARDS

- **United States Air Force Award** for research in wind turbine efficiency, 2013
- **Local Motors Design Award** for CAD wheel model, 2012
- **National Scholastic Press Assoc. Award** in news write-off, 2014
- **National Scholastic Press Assoc. Award** for newspaper front-page layout, 2014
- **UCSB Campus United Honors** for photography for campaign banner, 2016
- **UCSB Campus United Honors** for photography for campaign flyers, 2017

See examples of completed and ongoing projects at www.conneraddison.com

