

Highlights

- Over a decade in education: leading startups, teaching, developing education programs, and managing educators
- Consulted and designed premier analytics benchmarking software for Visa Performance Solutions
- Agile PM for home automation app launched in 6 countries and 12 languages
- multiple data sources

Education

- University of California San Diego, UCSD 2013
 - B.S. Cognitive Science: Emphasis in Natural Computation & Machine Learning Provost Honors
 - B.A. Applied Mathematics: Statistics, Probabilistic Modeling, Econometrics, Advanced Strategic Game Theory
- Johns Hopkins University 2015
 - Professional Certification in Data Science

Experience

TUTOR EDUCATION MANAGER, EAST PALO ALTO TUTORING AND TENNIS – 2022 ~ CURRENT

- Developed a tutor education program to manage our tutors growth and skills
- Manage and work one-on-one with educators, coordinators, and facilitators to standardize and optimize an education platform
- Working directly with students from underserved communities achieving remarkable results

DATA SCIENCE, STRATEGIC ANALYTICS & MACHINE LEARNING R&D CONTRACTOR – 2016 ~ CURRENT

- Initiate & expand online presence with clients, using quantitative trackable methods
- Developed Natural Language Processing application for integration with open source speech detection framework
- Evaluate client digital and strategic needs to develop strategic operations on custom-built web platform

TECHNICAL PROJECT MANAGER & CONSULTANT, DIGITAL FOUNDRY – 2015 ~ SEPT 2016

- Led local & remote teams using agile operations as a certified scrum master
- Organized cross workstream development, navigating dependencies for a data-centric mobile-web application
- Conducted solution design & implementation of internal benchmarking & analytics system for used for top global credit issuers by largest global payments technology company

PRODUCT & SOLUTIONS, IRHACKER 501(C)3 – 2012 ~ 2015

- Led hardware, software, product, agile, lean, and investment workshops at university forums
- Cultivated community participation in economically symbiotic academic and corporate relationships
- Innovated with local ventures sourcing public R&D from academia, IEEE, UCSD, Qualcomm Institute, Mainly Mozart & Calit2

DATA ANALYST, SMASHAPPS LLC – 2012-2014

- Conducted extensive analytics on educational data to develop a contextual classification system
- Modified and tested machine learning algorithms to observe, assist and learn about student users
- Integrated a multidisciplinary approach to solving difficult education problems with modern technology
- Conducted research, wrote a business plan, and successfully courted venture funding from capital firms

RESEARCHER & PRODUCT DEVELOPER, QUALCOMM INSTITUTE CALIT2 – 2012-2013

ETHNOGRAPHER, UCSD HILLCREST MEDICAL CENTER – 2011

RESEARCHER & PRODUCT DEVELOPER, LSAMP / CAMP SUMMER SCHOLAR – 2011

TEAM LEAD & HUMAN-FACTORS ENGINEER TIES GLOBAL OUTREACH – 2010

Technical Skills and Experience

APPLICATIONS AND AREAS OF

- Data: Visualization, Dashboard, Storytelling, Munging, Web-scraping, Exploratory Analysis
- Modeling: Statistical, Predictive, Bayesian, Regression, Machine Learning, Strategic, NLP