ABHAY SAWHNEY

amsawhney@ucdavis.edu· 530-761-3475
https://www.linkedin.com/in/abhaymanusawhney/ · https://abhaysawhney.github.io/

Seeking role in fintech where I can use my experience in tech and business to help the team grow financial products. *US permanent resident, fully work authorized.*

EXPERIENCE

June 2018 – Sept 2018 • New York City
MACHINE LEARNING INTERN • SCIENAPTIC SYSTEMS

- Identified pain points of Big 4 credit card firm. Built an ML model that cut their credit losses by 30% in specified segment. Delivered the model in under 7 weeks, working in a 4-person team
- Strengthened crucial relationship for Scienaptic by successfully completing project and corresponding documentation in allotted time
- Applied concepts from credit, risk, and ML techniques. Used Excel and pandas

June 2017 – Sept 2017• Chicago
BUSINESS CHANGE & IT INTERN • ZURICH INSURANCE NORTH AMERICA

- Designed and executed Proof of Concept for new Hadoop architecture. Delivered PoC with supporting documentation in 10 weeks
- Located and fixed security vulnerabilities in Data Lake within first 3 weeks
- Automated employee data collection with Java, saving employee time

June 2016 – July 2016• New Delhi
WEB DEVELOPMENT INTERN • AUTHBRIDGE RESEARCH SERVICES

- Leveraged HTML, CSS, and jQuery to create website to kaizen record keeping
- Created PHP-based automation to streamline data management between departments, reducing manual data entry by over 50%

June 2015 – Sept 2015• New Delhi
WEB DESIGN & CONTENT INTERN • LEANOPSYS BUSINESS CONSULTANTS

- Redesigned company website and rewrote rhetorical content
- Increased website traffic by 50% by streamlining customer journey

EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS

B.S. IN COMPUTER SCIENCE & TECH MANAGEMENT • DEC 2019

Residential Computing Advisor (campus job) • 3.5 GPA
Active member of AI Society, Water Polo Club and Surf Club

CAMPUS LEADERSHIP

CS Department Tutor • Events Chair of CS club • Byte (Tutor) at CS club
Currently meeting clients for startup and organizing Networking Club
Took initiative to lead several team projects including:

- 7-person team to pitch marketing plan for Forever 21
- 6-person team to pitch business improvement plan for Airbnb
- 8-person team to develop ML model to predict error in Zestimate (Zillow valuation)

SKILLS

LANGUAGES: C++, Python, Java, R, HTML, CSS

TECH SKILLS: Neural Nets, TensorFlow, Keras, GBM Models, OOP, Hadoop, JIRA, Statistics

OTHER SKILLS: Excel, Financial Analysis, Systems Thinking, Lean, Public Speaking, Strategy, Accounting, Teambuilding, Event Organization