ABHAY M. SAWHNEY

Email: amsawhney@ucdavis.edu · **Portfolio:** abhaysawhney.github.io
LinkedIn: linkedin.com/in/abhaymanusawhney · **Phone:** 530-761-3475

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.*

SKILLS

PROGRAMMING: C++, Python, Java, R, MATLAB, MySQL, TensorFlow, Keras
TECHNOLOGY: Neural Networks, Machine Learning, GBM Models, OOP, Hadoop, JIRA
BUSINESS: Systems Thinking, Lean, Public Speaking, Strategy, Teambuilding, Event Organization
FINANCE: Financial Analysis, Accounting, Portfolio Theory, Statistics, Microsoft Excel

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
FULL STACK DEVELOPMENT INTERN • AUTHBRIDGE RESEARCH SERVICES

- Leveraged HTML, CSS, MySQL 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 60% by streamlining customer journey

EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS
B.S. IN COMPUTER SCIENCE & TECH MANAGEMENT • DEC 2019

- 3.5 GPA, A's in *Artificial Intelligence, Technology Management, Programming Languages*
- Residential Computing Advisor (campus job) • CS Department Tutor

CAMPUS LEADERSHIP

- Events Chair of CS club, Byte (Mentor) for 6 CS club members
- Active member of AI Society, Water Polo Club and Surf Club
- Led product introduction on UCD campus for SF-based RPA company
- Led teams for 3 business improvement pitches, including one to HPE execs

SHIKSHANTAR SCHOOL, GURUGRAM
HIGH SCHOOL DIPLOMA • MAR 2016

- 4.0 equivalent GPA, 98% in Computer Science
- Top 20 in *Shell Junior National Science Scholarship* (7000 candidates)