

# ABHAY M. SAWHNEY

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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) at CS club

Active member of AI Society, Water Polo Club and Surf Club

Led product introduction for SF-based RPA company

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 Zillow home valuation