

# 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.*

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## 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

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 Zillow home valuation