



ABHAY MANU SAWHNEY

Seeking role in fintech where I can use my experience in tech and business to assist the team grow financial products

Proven track record of creating technology solutions for real-world business problems

Check out my projects at abhaysawhney.github.io/

US permanent resident, fully work authorized

TECH SKILLS

C++, Python, Java, R

Neural Nets, TensorFlow, Keras, GBM Models, OOP, Hadoop, JIRA, Statistics, Algorithm Design

OTHER SKILLS

Excel, Financial Analysis, Systems Thinking, Lean, Public Speaking, Strategy, Accounting, Team events

PROFESSIONAL EXPERIENCE

MACHINE LEARNING INTERN • SCIENAPTIC SYSTEMS

June 2018 – Sept 2018 • New York City

- Worked with a large credit card firm to understand their needs. 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
- Successfully completed project and corresponding documentation in allotted time, strengthening a crucial relationship for Scienaptic
- Learned about credit, risk, and ML techniques. Used Excel and pandas
- Managed compliance initiative, organized team-building outings

BUSINESS CHANGE & IT INTERN • ZURICH INSURANCE NORTH AMERICA

June 2017 – Sept 2017 • Chicago

- 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

WEB DEVELOPMENT INTERN • AUTHBRIDGE RESEARCH SERVICES

June 2016 – July 2016 • New Delhi

- Used 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%

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:

- 6-person team to pitch business improvement plan for Airbnb
- 8-person team to develop model that parallels Zestimate (home value)



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