



ABHAY MANU SAWHNEY

Proven track record of conceptualizing, designing, executing creative technology solutions to real-world business problems in two leading companies and one groundbreaking startup.

Check out my projects at abhaysawhney.github.io/

US permanent resident, fully work authorized.

TECH SKILLS

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

C++, Python, Java, R

OTHER SKILLS

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

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

UC DAVIS • B.S. • COMPUTER SCIENCE & TECH MANAGEMENT

Junior • Graduating Dec 2019

Residential Computing Advisor (campus job) • 3.5 GPA

Active member of AI Society, Theater Club, Swim 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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