



# 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/](https://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 model needs
- Built a 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 INTERN • ZURICH INSURANCE NORTH AMERICA

JUNE 2017 – SEPT 2017 • SCHAUMBURG, ILLINOIS

- Successfully designed and executed Proof of Concept for new Hadoop security architecture, working largely autonomously
- Delivered PoC with supporting documentation in under 10 weeks
- Noticed security vulnerabilities in Data Lake within first 3 weeks on the job and reported them to manager, leading to them being corrected

### 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%
- Successfully completed the project in 5 weeks, site is currently live

## EDUCATION

### UC DAVIS • COMPUTER SCIENCE & TECH MANAGEMENT • JUNIOR

Residential Computing Advisor (campus job) • 3.4 GPA

CS Department Tutor • Byte (mentor) at CS club

Active member of AI Society, Theater Club, Swim Club and Surf Club



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