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| Abhay M. Sawhney  **Email:** [amsawhney@ucdavis.edu](mailto:amsawhney@ucdavis.edu) **· Portfolio:** [abhaysawhney.github.io](https://abhaysawhney.github.io/)  LinkedIn: [linkedin.com/in/abhaymanusawhney](https://www.linkedin.com/in/abhaymanusawhney/) · Phone: 530-761-3475  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

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| * **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

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| 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

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| UNIVERSITY OF CALIFORNIA, DAVISB.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 |