

AJINKYA K. NENE

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Home Address
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EDUCATION

Massachusetts Institute of Technology (MIT)

Masters in Engineering – AI Concentration; GPA: 5.0/5.0

B.S. in Computer Science; GPA: 5.0/5.0

Selected Coursework: Computer and Network Security (Grad Level), Computer Systems Security (Grad Level), Machine Learning (Grad Level), Operating Systems (Grad Level), Performance Engineering (Grad Level), Financial Engineering, Design and Analysis of Algorithms, Probability

Cambridge, MA

June 2020

June 2019

WORK EXPERIENCE

Newfront Insurance, San Francisco, CA

June 2019 – August 2019

Software Engineering Intern

- Worked extensively on updating metrics, analytics, and architectural-redesign efforts to enable higher developer velocity
- Designed and launched a data-remodel around insurance policies to accomplish Q3 business goals of transparency and quality

Eian Inc., Stanford, CA

December 2018 – March 2019

Contract Software Engineer

- Developed core infrastructure in Rust/C++ for blockchain technologies including ledger modules and storage applications
- Created demo (eiano.io/demo) to showcase potential for various applications on the Findora network

McKinsey and Company, New York City, NY

June 2018 – August 2018

Summer Business Analyst

- Working as a generalist consultant on several projects involving applying data analytics to different industries

Investment Technology Group, New York City, NY

January 2018

Machine Learning Extern

- Created new machine learning technologies for more efficient trade execution (ActiveAI product line)
- Developed proof-of-concept RL platform for automatic trade execution

Microsoft – Intentional Software (OPG Team), Bellevue, WA

June – August 2017

Software Engineering Intern

- Worked with the cross-platform team on systems integration and translated existing code to target other architectures
- Setup a test-bed infrastructure that enabled automated QA testing for Android/iOS devices

Square Peg Capital (VC Firm), Cambridge, MA

January 2017

Winter Analyst Extern

- Evaluated different technology companies for product defensibility, market space, and other factors

Cooliris Inc., San Francisco, CA

June – August 2015

Software Engineering Intern

- Developed a Parse-backed messaging application in Android along with Google Analytics features

ACTIVITIES

MIT Laboratory for Information & Decision Systems - Research Assistant

Present

Research Assistant, Masters Student

- Constructing automatic ML techniques for security exploit generation
- Developing next-generation of security exploit delivery techniques using steganography

MIT Sloan Business Club

Present

Board Education Program Director, Board Member

- MIT's premier business organization that does consulting, finance, and entrepreneurship
- Organize and create the education program that selects new members

MIT Sloan School of Management - Research Assistant

January – May 2017

Research Assistant

- Analyzed the effect of the incorporation of new technologies on the stock market
- Created machine learning models to study stock market trends with relation to tech factors

SKILLS

- **Computer Programming:** Proficiency in Java, Python, R, Rust, C++, C, C#, HTML, CSS, JavaScript, PHP, SQL, Scheme
- **Software:** Proficiency in Git, LaTeX, Mathematica, Eclipse, Python Editors (Canopy, Pycharm, Anaconda), Visual Studio
- **APIs:** Google Maps, Yelp, Google Analytics, Twitter, Parse, Twilio, Pandas, BeautifulSoup, NUnit, Xamarin, TensorFlow
- **Languages:** Proficiency in English, Hindi and Marathi. Working Proficiency in Spanish

AWARDS/SCORES

MIT Consulting Case Competition – 2nd place

American Invitational Mathematics Examination – 6 Time Qualifier

USA Computing Olympiad – Platinum Division

SAT – 2360 (780 W, 780 R, 800 M), Subject Tests: Math – 800, Chemistry – 800, Physics – 800