

ANTHONY F. DiPADOVA, III

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EDUCATION

Dartmouth College, Hanover, NH **Jun 2019**
Bachelor of Arts, Major in Computer Science **GPA 3.75/4.0**
Relevant Coursework: Software Design and Implementation, Artificial Intelligence, Algorithms, Topics in Data Science, Database Systems, Accelerated Computational Linguistics, Cognitive Computing, Security and Privacy, Virtual Medicine and Cybercare, Machine Learning & Statistical Analysis
Honors: Cum Laude, 2015-16 & 2017-18 Third Honor Group, Citation for Merit in Introduction to Programming and Computation

Newport High School, Newport, NH **Jun 2015**
Honors: Valedictorian, Mathematics Achievement Award **GPA 4.0/4.0**

WORK EXPERIENCE

Palantir Technologies, Washington, DC **Jul 2019 - Present**
Forward Deployed Engineer

- Developed service monitoring and alerting systems in Java
- Automated the setup process for Palantir deployments
- Managed the FedRAMP certification and audit of a Palantir product

Appian, Reston, VA **Jun 2018 - Aug 2018**
Software Engineering Intern

- Built and integrated UI interfaces into the Appian platform using Java, React, and SAIL (Appian's proprietary language)
- Developed frameworks for monitoring client usage of the Appian platform

TomTom, West Lebanon, NH **Nov 2017 - Mar 2018**
Data Science Intern

- Developed software to aid in lead detection for map changes and updates using machine learning techniques
- Deployed software globally to English speaking countries and created framework for multi-lingual support

Red River Computer Company, Claremont, NH **Jun 2016 - Sep 2017**
Business Operations Intern

- Developed and maintained in-house software, using SQL and C#, to improve employee efficiency and enforce compliance
- Lead research and development in automated testing to improve quality assurance

SELECTED PROJECTS

Artificial Sommelier

- Created a natural language processing model to predict wine quality based on textual descriptions

Multilingual Named Entity Recognition

- Created an LSTM-CRF model that uses Facebook multilingual word embeddings to extract named entities from text

Chess AI

- Created a chess program that uses Alpha-Beta search with Zobrist hashing to predict the optimal move from any board state

LEADERSHIP & ADDITIONAL ACTIVITIES

Dartmouth Machine Learning Club, Hanover, NH **May 2017 - Jun 2019**
Vice President, Founder

- Worked with student organizations to secure funding
- Scheduled information sessions/lectures with professors on machine learning topics

Natural Language Processing Research, Hanover, NH **Apr 2018 - Jun 2019**

- Architected and developed recurrent neural network for predicting speech rhoticity
- Collaborated on a paper for the New Ways of Analyzing Variation 47 conference, titled "Deep Learning and Sociophonetics: Automatic Coding of Rhoticity Using Neural Networks" DOI: [10.18653/v1/N19-3013](https://doi.org/10.18653/v1/N19-3013)

SKILLS & INTERESTS

Computer Languages: Python, Java, C, JavaScript, BASH, SQL
Technical Skills: Machine Learning, Natural Language Processing, Agile Development/Scrum, Git, LaTeX
Languages: English (Fluent), Italian (Conversational)