THOMAS X. PINELLA

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Summary of Software Development Internship Skills

- Industry experience in **Java, C#**, **HTML/CSS**, **JavaScript/jQuery**, **PHP**, **Python**, and **MySQL**; academic experience in **Scheme**, **Prolog**, and **C**
- Experience in natural language processing and machine learning libraries including **OpenNLP** and **Word2Vec**
- Programming leader of FIRST Robotics team with experience using **LabVIEW** and Agile Software Development
- Developed interpersonal, communication, leadership, and teamwork abilities enhanced through academic and personal projects, internships, and extracurricular activities

Software Experience

Edu.Chat, New York, NY   *Junior Product Manager – May 2016 – Present*

- Using the Scrum Methodology, managed a team of four software developers to build a conversational artificial intelligence powered bot
- Leveraged and implemented machine learning, natural language processing, and information retrieval technologies
- Presented the product to professors and university administration, and received positive feedback

Paytronix, Newton, MA   *Quality Assurance Engineer Intern – May 2015 – August 2015*

- Did QA testing for the newest releases of Pentaho—a big data framework used by the company
- Used Python to create automated tests and wrote test documentation
- Helped push the most recent release live

LINX, Wellesley, MA   *Technology Assistant – June 2014 – August 2014*

- Worked with staff and teachers with technology needs, managed smart devices, edited videos, and developed website content including an online lost and found, virtual staff training website, and virtual staff survey
- Used PHP, MySQL, JavaScript/jQuery, and HTML/CSS

Genesis HR Solutions, Burlington, MA   *Software Engineer Intern – July 2013 – August 2013*

- Built software, managed company's social media, and wrote blog posts for the website
- Developed from scratch and managed internal company website displaying: metrics (collected using Google Analytics) in graph form, calendar, website blog posts, and weather
- Utilized C#, HTML/CSS, SQL Server, and JavaScript/jQuery

Education

University of Rochester, Rochester, NY   *Bachelor of Science Computer Science – May 2018*
GPA: 3.67; Deans List

- Coursework includes: Artificial Intelligence, Computational Neuroscience, Algorithms, Computation & Formal Systems, Computer Organization, The Science of Data Structures Honors, Discrete Mathematics, Linear Algebra and Differential Equations
- Involved in: RocHack member (computer science club), FIRST volunteering, Student Government Web Team and Public Relations member, Spark Entrepreneurs member, WRUR-TV Creative Content Director, breakdancing club, rock climbing club publicist, and Sigma Phi Epsilon Fraternity

Boston College High School, Boston, MA   *High School Diploma – May 2014*
Cumulative weighted GPA: 4.28, Top Ten Ranking Senior; National Honors Society

- Coursework included: Computer Science AP and Computer Programming in Java
- Awards: Robotics Leadership Award, Academic Excellence in Computer Programming in Java, Xerox Award for Innovation and Technology, and 13 others

Selected Computer Science Projects

- **Parity, Spring 2016:** team of four, **won 2nd place** at **DandyHacks Hackathon**, electronic instruments built from unlikely materials
- **CapTones, Fall 2015:** team of three, website that facilitates crowd sourced music, created at BigRed Hackathon at Cornell
- **Sentalive, Summer 2015:** team of four, website that measures crowd sentiment at events, created at AngelHack Boston
- **mibnote.com, Spring 2015:** team of two, **won 1st place** at **DandyHacks Hackathon**, social media website involving GPS location
- **UR Hungry, Spring 2015:** team of four, created website using PHP and MySQL to display free food events on campus
- **UR Dish, Spring 2015:** team of two, developed android app that allows students to post anonymous reviews of dining hall food

Tutoring Experience

Center for Excellence in Teaching and Learning, University of Rochester, Rochester, NY   *Tutor – January 2015 – Present*

- Assists students in Science of Programming, The Science of Data Structures, Calculus II, and Principle of Economics

Other Work Experience

Friends of the Public Garden, Boston, MA   *Garden Greeter – July 2012 – August 2012*

- Greeted the general public and assisted them in getting around the Boston Public Garden