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*Address:* Apt 707, 3925 Walnut Street, Philadelphia, PA 19104

(617) 688-7770

*Personal Website:* <http://www.francesca-marini.info>

### **EDUCATION**

**University of Pennsylvania**, Philadelphia, PA

Candidate for Bachelor of Arts, School of Arts & Sciences, C'21

Intended Majors: Cognitive Science and Computer Science

Minor: Mathematics

GPA: 3.92 / 4.00

**Bishop Stang High School**, North Dartmouth, MA

Valedictorian, President's List every quarter

GPA: 4.25 / 4.00

### **WORK EXPERIENCE**

**Cognitive Computation Group at the University of Pennsylvania**, Philadelphia, PA

*Researcher* (March 2019 – Present)

Conduct independent and group research in Prof. Dan Roth's lab, specializing in Natural Language Processing, a branch of machine learning combining linguistics and AI; co-author research papers

**Department of Computer Science at the University of Pennsylvania**, Philadelphia, PA

*Teaching Assistant for CIS 262: Automata, Computability, & Complexity* (August 2020 - Present)

*Teaching Assistant for CIS 120: Programming Languages & Techniques* (August 2019 – December 2019)

*Teaching Assistant for MCIT 592: Discrete Mathematics* (August 2019 – December 2019)

Teach weekly recitation, conduct office hours, grade assignments and exams; answer questions on Piazza, an online message board for CS students

**Brain Behavior Lab at HUP**, Philadelphia, PA

*Research Assistant* (August 2018 – December 2018)

Assisted database programmer with improving and testing database interface for the research lab

**Sallan Lab at the University of Pennsylvania**, Philadelphia, PA

*Research Assistant* (May 2018 – August 2018)

Helped construct reliable fossil fish database to be used for future analysis in the paleobiology field

**G.H. Bass Outlet**, Sagamore, MA

*Sales Associate* (September 2016 – August 2017)

Worked register and sales floor, stocked merchandise, provided customer service

### **LEADERSHIP & COMMUNITY SERVICE**

**University of Pennsylvania Figure Skating Club**, University of Pennsylvania

*Founding Executive Board Member; Treasurer; Show Director* (August 2017 – May 2020)

*General Body Member* (May 2020 – Present)

Responsible for growing club from infancy; produced four ice shows which provide majority of club funding; volunteer to teach figure skating lessons to students and through partnership with Police Athletic League

**Women in Computer Science**, University of Pennsylvania

*Executive Board Member; Director of Community; WiCS Leadership* (August 2018 – May 2020)

*General Body Member* (May 2020 – present)

Organized events to promote community bonding; participated in Percentage Project social media campaign

**Penn Bioethics Journal**, University of Pennsylvania*Associate Editor* (August 2018 – May 2019; August 2020 - Present)

Evaluate, edit, and vote on submissions in double-blind peer review process

**Peer / Major Advising Program**, College of Arts & Sciences, University of Pennsylvania*Senior Peer Adviser* (April 2018 - Present)*Advisor for the Cognitive Science Major* (August 2019 – Present)*College of Arts & Sciences Major Advisory Board, Cognitive Science Representative* (January 2020 - Present)

Mentor and advise freshmen, prospective / current Cognitive Science majors; solely represent Cognitive Science major to Major Advisory Board

**PERIOD@Penn**, University of Pennsylvania*General Body Member* (August 2020 – Present)

Fundraise to provide feminine hygiene products to vulnerable populations in West Philadelphia

**Colleges Against Cancer**, University of Pennsylvania*General Body Member* (August 2018 – May 2019)

Raised over \$600 for Relay for Life from personal contacts, organized 5k and other fundraisers

**Beth Israel Deaconess Hospital Plymouth**, Plymouth, MA*Hospital Volunteer* (2015 – 2016)

Worked information desk and phone, discharged patients; transported lab samples, drugs, paperwork

**PROJECTS & PUBLICATIONS**

- **(In Progress) Novel Pipeline for Preposition Semantic Role Labeling & Sense Disambiguation**
- [Building Low-Resource NER Models Using Non-Speaker Annotations](#) (2020)
- [University of Pennsylvania LoReHLT 2019 Submission](#) (2019)
- [An Explanation of the Gender Disparity in Multiple Sclerosis: Investigating the Genetic and Hormonal Bases for Increased Frequency of MS in Women](#) (2017)

**AWARDS & HONORS**

- University of Pennsylvania Dean's List (2017 – 2020)
- Google CSR Research Fellow (2019)
- Summer Research Paleontology Stipend Recipient (2018)
- Valedictorian, Bishop Stang High School (2017)
- AP Scholar with Distinction (2017)
- Class Secretary, Bishop Stang High School (2015 – 2017)
- National Honor Society Treasurer, Bishop Stang High School (2015 – 2017)
- Math Team, Co-Captain, Bishop Stang High School (2015 – 2017)
- National Merit Commended Scholar (2016)
- Harvard Book Award (2016)
- United States Figure Skating Gold Medalist in Moves in the Field (2016)
- Anthony Fernandes Sportsmanship Award, Falmouth Figure Skating Club (2016)
- Scholastic Art Awards, Honorable Mention (2015; 2013); Silver Key (2013)
- Massachusetts Regional Science Fair, 3<sup>rd</sup> Place (2014)

**Programming Technologies:**

Java, Python, OCaml, HTML, CSS, JavaScript, SQL, AllenNLP, PyTorch, LaTeX, Unix / Linux

**Skills:**

Research, leadership, technical &amp; argumentative writing, collaborative team-member, verbal &amp; written communication, logical reasoning, analytical problem solving, data literacy, time management