

8 Searles Road  
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# NICHOLAS A. PULJIC

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## EMPLOYMENT

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### Data Scientist, Intern      Brick Accretive Management      September 2016 - Present

- Python programming for early-stage SaaS company that works alongside a fund
- Third person to join the team of a five-person startup (the fund and SaaS company together)
- Developed an unbiased sentiment algorithm that guides the positioning and risk profile of the fund
- The tool aggregates data to predict stock market trends, both intraday and over time
- Spent between four and twenty hours a week writing scripts to pull in unstructured data, score it, and then analyze it for trends
- Worked closely with the management on the business side of the startup

### Software Engineer, Intern      Remedy Partners      May 2017 – August 2017

- Built an internal-facing website to host the reports generated by the analytics department
- The website automates the generation of many reports, allows data to be filterable, and highlights the most important points
- Worked on a team of five programmers, gaining experience writing production-level code, working on an agile development cycle, constantly getting feedback, and extensively using version control software
- Wrote the front-end and back-end myself using Clojurescript and Clojure

### Data Analyst, Intern      Remedy Partners      May 2016 – August 2016

- Used Python in addition to Pandas, Numpy, and other statistic libraries extensively to analyze data, web scrape, and data mine in the healthcare sector
- Worked alongside senior data analysts to complete both short and long-term projects
- Helped transition their product to the commercial market

### Technology Intern      Nannytucket      July 2015 – July 2016

- Redesigned website for startup with over 1,000 employees
- Acted as liaison between owners and outside company who programmed the website
- Gained extensive wireframe knowledge

### Math Tutor      Tutoring Business      July 2014 – August 2014

- Created small math tutoring business teaching various subjects including ACT prep and college-level statistics

### Research Assistant      Wildlife and Ecology Department, University Of Maine      June 2014 – July 2014

- Assisted Steven Coghlan, PHD and his graduate students on five different research projects, both in the lab and in the field
- Researched the effects of hydropower dams on the anadromous fish populations and the natural habitat of Maine

## EDUCATION

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### New York, NY      Columbia University      The Fu Foundation of Engineering And Applied Science      Fall 2015 – Spring 2019

- B.S. in Computer Science, Dean's List, GPA: 3.73.
- Undergraduate Coursework: Data Structures; Advanced Programming; Developing On Linux Systems; Databases; Artificial Intelligence; Elements of Data Science; Making, Breaking Codes.

## Leadership

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- **Norwalk Grassroots Tennis** (2013-2015). Served as a mentor and academic tutor for underprivileged local children, tutoring a wide range of subjects from 9<sup>th</sup> grade math to SAT prep and college entrance exams.
- **Greens Farms Academy Math Team** (2011-2015). Captain 2015. Represented my high school in the only year the team has made it to the state competition, placing fourth out of sixteen teams (2014).

## Honors

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- **The Susan Conlan Award for the Study of Mathematics** (2015). Awarded to one high school senior.
- **Darien Youth Civic Award** (2014). Awarded to one student in Darien with the most impressive community service record. Presented Norwalk Grassroots Tennis with \$1000 prize.

## Languages and Technologies

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- **Python** (Experienced), **Clojure/Clojurescript** (Experienced), **Pandas** (Experienced), **C** (Intermediate), **Java** (Intermediate), **C++** (Intermediate), **HTML** (Familiar), **Javascript** (Familiar)
- **Git** (Experienced), **Linux** (Experienced), **Unix** (Experienced), **Emacs** (Experienced), **SQL** (Intermediate)