

Dominic Burkart

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Summary

Full-stack engineer with a background in statistics / NLP, looking to make products that solve real-world problems.

- Programming languages: Python, Javascript, R, Rust, Java.
- Frameworks & Packages: Flask (+SqlAlchemy), React (/Native), Pandas, Scikit-Learn.
- Human languages: English (Native), French (C1). I am eligible to work in the US and EU.

Work Experience

Nov 2018 – current

Full Stack Engineer

Alan

- implement features across our Flask / Postgres DB / React Native / React stack.
- non-technical accomplishments: led diversity initiative for six months, successfully sourcing 3 engineers (all above 3 years experience, all retained). Owned python typing initiative, onboarded one engineer, performed technical and behavioral interviews.

June 2017 – June 2018

Lab Manager and Research Specialist

Princeton Social Neuroscience Lab

- implemented various natural language processing analyses (Python).
- collected and modeled fMRI, behavioral, and social network data (Python, R, Java).
- managed lab's research assistants.

June 2015 – June 2017

Research Assistant

New York University, Social Perception and Evaluation Lab

- provided data support by creating the lab's Twitter social network collection and analysis pipeline (Python and Java). >2.4 billion tweets streamed to date, social network topology for thousands of target users.

June 2014 – July 2015

Research Assistant

Kansas University Medical Center, Bruce Neuroscience Cooperative

- wrote literature reviews, collected participant data, wrote analysis scripts (Python, R).

September 2013 – June 2014

Research Assistant

University of Missouri: Kansas City, Behavioral Rewards and Incentive Networks Lab

- Collected and cleaned behavioral and neural data.

Education

2015 – 2017: New York University, B.A. Psychology (May 2017, GPA 3.6), minor in French.

2013 – 2015: University of Missouri: Kansas City, Honors Student.