

Justis D Mills

2030 Atapha Nene
Tallahassee, FL 32301

+1 (850) 590-7520 (c)
justis.d.mills@gmail.com

Objective

To combine AI expertise, software architecture principles, and verbal skill to guide a variety of high-leverage technical decisions.

Recent Experience

Tealium

Tallahassee, Florida
Architect: UI Software
May 2022-present

- I simplified the bootstrapping process for a ~1M lines of code frontend application, reducing it from 7 entry points to 2.
- I implemented a Redux and React hooks state management system to replace a complex mixture of outdated and incompatible technologies.
- I participated in all parts of the software development lifecycle, including architectural diagrams, writing technical stories, and implementing both proofs of concept and production code.
- I led the engineering team's internal AI software task force, making recommendations about engineering team AI tool use.

Netchex

Tallahassee, Florida
Senior Software Engineer/Tech Lead
April 2021-May 2022

- I led a team of engineers remotely, setting technical direction and communicating with stakeholders.
- I was on multiple teams recognized company-wide as exemplary, and was personally recognized company-wide for my contributions.
- I worked on a stack including a React frontend, C# backend, and MySQL database.

Kikoda

Tallahassee, Florida
Software Engineer, then Senior Software Engineer
April 2019-April 2021

- I helped manage a large team of up to 11 developers, performed peer reviews of code, trained developers in best practices, and pair programmed remotely to help other developers overcome challenges.
- My project used a microservice architecture including React/Redux, Immutable, C# with Entity Framework, Google Protobufs, MySQL, and an Oracle database for legacy data.
- I used many AWS services at a high level, including CloudWatch, CodeCommit, IAM, and Simple Email Service.
- I built a highly complex service autonomously, which was well received by internal peer review and the client.
- I do freelance editing for a variety of organizations in the AI safety, rationality, and effective altruism space, including The Centre for Effective Altruism, Lightcone, Redwood Research, Non-trivial, AI Impacts, and others.
- I've been acknowledged for my feedback on papers with first authors including Ryan Greenblatt, Dan Hendrycks, and Alexander Turner.

Various

Tallahassee, Florida
Freelance Editor
2017-present

Education

New College of Florida

Sarasota, Florida
Bachelor of Arts in Philosophy
August 2009-May 2013

- New College is the honors college of Florida. There are no grades. New College uses a contract system, and requires the completion of an extensive senior thesis.
- My thesis explored good and bad reasons for getting into arguments.
- I satisfied all of my academic contracts while at New College.

Qualifications and Honors

- Used Python to solve a standing problem in cellular automata as an undergraduate.
- Scored a 171 on the LSAT (98th percentile), and a perfect score on the essays and math sections of the GRE.

References provided upon request