

Steven Tran

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Education

UNIVERSITY OF MASS. AMHERST

BS in Computer Science and Math
Focus: Algorithms, Data Sci, Stats
Class of 2021 | Amherst, MA
Cum GPA: 3.50 / 4.0
Major GPA: 3.61 / 4.0

Leadership

HACKUMASS / HACKHER413

Tech Team - Infrastructure
Infrastructure lead of the two annual hackathons at UMass and part of the development team

BUILD UMASS

Project Manager
Manager of a team to address issues around the community that major technical upgrades such as nonprofits and educational facilities

Courses | Undergrad

Advanced Algorithms
Algorithms for Data Science
Logic in Computer Science
Cloud Computing
Operating Systems
Networking
Digital Forensics
Statistics II
Applied Linear Algebra

Skills

Dev: Agile, Scrum, Kanban, Git
Full-stack: React, Rails, Node, Django
DB: Postgres, Mongo, Snowflake, Sql
Others: R, Docker, Jenkins, \LaTeX
Languages: Java, C++, Python, Ruby, Go, CSS Javascript, Typescript, Bash

Links

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Experience

CENGAGE LEARNING | Software Engineering Intern

June 2019 - August 2019

- One of Two SWE summer Interns who worked in the Boston HQ
- Developed an internal account management tool that ingested daily changes of permissions across various platforms like Google Analytics or Looker for the Platform Analytics Team
- Full stack development: Developed with react written in Typescript, snowflake computing, and python with Jenkins to both ingest and build the application. All running on an EC2 instance.
- Development followed a rigid agile development environment that used Jira and Confluence to manage and document stories

UNIVERSITY OF MASS. AMHERST | Undergraduate Course Assistant

September 2019 - Present

- Assistant for the introductory undergraduate introduction to algorithms course of UMass Amherst. (locally known as CS311)
- Responsible for leading discussions, answering online piazza questions and grading gradescope assignments

Projects

HACKATHON-DASHBOARD | Open-source Hackathon tool

March 2019 - Present

- Worked in the tech team of HackUmass and HackHer to publish the hackathon management tool used by our two local hackathons on a open source platform. Currently forked by numerous hackathons around the country.
- In charge of the Development Operations that deals with the infrastructure of the tools when used in development, staging, and production
- Witten in Ruby on Rails, I've implemented dockerization, proposed new database designs, and have done full stack work on the project

COMMUNITY UPLIFTMENT PROGRAM | Non-profit Website Redesign

April 2019 - Present

- Non-profit in Springfield, MA that helps somali refugees. Contacted us from a need of an online presence and technical solutions
- Placed as the Project Manager of a team in BuildUMass, I've kept contact with the administrators of the organization over the summer to lead a team in the fall to fully develop this project
- Current technologies planned to be implemented are apis such as donorbox and a simple react typescript website hosted on heroku

SLTRAN.COM | Personal Website to test new technologies and tools

December 2018 - Present

- Work in Progress (pls don't judge)
- Something about using namecheap, gcp, react, typescript, and go as the stack for web dev
- Fun Stuff: Automation of the resume uploads + builds from resume changes with Jenkins
- Hopefully something about a blog if I can set it up over the weekend