

Daniyar Aubekeroov

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SKILLS AND DISTINCTIONS

Languages: Python, Java, JavaScript, C++, SQL

Frameworks: Django, Flask, Node.js, Bootstrap, Vue, React

Math Competitions: International Math Competition for Undergraduate Students 2021 (Second Prize), Final Round of National Math Olympiad (Silver Medal), **PUTNAM 2020** (TOP 100), **PUTNAM 2019** (TOP 5%)

EXPERIENCE

Software Development Engineer

Jan. 2022 – Present

Amazon Web Services

Boston, MA

- Software Engineer in the AWS Redshift distributed systems team.

Full Stack Engineer

Sep. 2021 – Jan. 2022

Anima App

New York, NY

- Implemented and debugged React components which are used in the Figma and Adobe XD plugins.
- Released internal npm and pypi packages for schema validation, which supports python, javascript, typescript, and ruby.
- Introduced about 50 json schemas covering most of the objects passing to and from API services.

Software Engineer

May 2021 – Sep. 2021

4Schoolers LLC

Brookline, MA

- Led the team of SWEs working on the implementation of the educational management system for more than 500 users, including 3 different types: parents, students, and teachers.
- Utilized Django, Django REST for the back end architecture, and PostgreSQL for the database.
- Deployed the application to the AWS Lightsail Ubuntu server with Nginx and Gunicorn, serving the application and AWS S3 Buckets.

Quantitative Development Intern

Dec. 2020 – May 2021

Lucy Labs CryptoFinance

Valhalla, NY

- Interned as a Quantitative Developer at the proprietary crypto trading company based in New York.
- Analyzed and debugged the company's HTTP web framework based on Flask and web sockets.
- Implemented, back-tested, and deployed gateways between the company's Framework and various cryptocurrency exchanges' API with python and web sockets.

PROJECTS

MathForces.com | *Django, JavaScript, MathJax, Bootstrap, PostgreSQL, Nginx, Gunicorn*

Mar. 2020 – Present

- Designed and implemented the architecture of a web app that features math contests and math problems for people of all levels and ages.
- Created math olympiad problems for biweekly contests.
- Deployed Django application to Digital Ocean's Ubuntu Server using Nginx and Gunicorn.
- Reached 2000 users including IMO winners, PUTNAM fellows, Math Professors, ACM ICPC finalists, IMC winners.

Youtube channel: One To Many | *Blog, Interview*

May 2021

- Managing youtube channel, where I showcase my skills by interviewing myself using different random generators.
- Promoting the idea of blogs to the beginner Software Engineer to help recruiters understand the level of preparedness for the technical interviews.
- Link to the channel: <https://www.youtube.com/channel/UCpSpPngOHwOI0EdS601qvgQ>

EDUCATION

Suffolk University

Boston, MA

Bachelor of Science in Mathematics

Major GPA: 4.0, Minor in Computer Science, Dean's List, Outstanding performance in Math Award