

# Anton Grachev

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## SUMMARY

Backend & Machine Learning Engineer with production experience in Golang APIs serving 20M+ users, scalable microservices, and Azure cloud deployments. Skilled in backend architecture, API design, and ML model development. Seeking SWE/ML internships to build intelligent, high-performance systems.

## EXPERIENCE

### Avito Tech LLC – World's #1 Classifieds Platform

*Software Engineer Intern*

*Remote*

Jun 2024 – Sep 2024

- Developed and deployed Golang backend APIs for 20M+ DAUs, achieving sub-200ms latency.
- Built core features for company's first Automated Phone Buyback Station (APBS).
- Operated 50+ microservices with Docker/Kubernetes/PostgreSQL, deploying via GitLab CI/CD in Scrum sprints.

### UCSC IT Department

*IT Specialist*

*Santa Cruz, CA*

Sep 2024 – Jun 2025

- Resolved 200+ ServiceNow tickets with 98% satisfaction rate across 15+ campus buildings.

### Community Law S.C.

*Software and Systems Engineer*

*Madison, WI*

Sep 2025 - Present

- Develop internal software to automate workflows and provide enterprise IT support.

## PROJECTS

### Gym Occupancy Predictor (Research)

github.com/anton-grachev/gym-occupancy-predictor

Jul 2025

- Predicted gym occupancy in real-time with 92% accuracy using custom polynomial regression on 10K+ data points.
- Stack: Python, NumPy, BeautifulSoup, Matplotlib, custom polynomial regression + regularization.

### Christy's Portfolio

github.com/anton-grachev/christy\_portfolio – portfolio.christypan.me

Aug 2025

- Deployed Django art portfolio with admin panel, dynamic themes, and scalable Azure media storage.
- Stack: Django, Bootstrap 5, Azure SQL, Azure Blob Storage, WhiteNoise; deployed via Azure App Service.

### Madison BCycle Router

github.com/ant0n-grachev/BCycle-Router – bcyclerouter.app

Sep 2025

- Seamless BCycle trip planner using live data and haversine routing.
- Stack: React 19, TypeScript, Fetch API, Custom CSS.

## EDUCATION

### University of Wisconsin–Madison, Computer Science B.S.

2025 – Present

### University of California, Santa Cruz, Computer Science B.S.

2024 – 2025

- GPA: 3.9 + Dean's Honor List (Winter 2025, Spring 2025); Rocket Team: Full Stack (C++, HTML/JS).

## SKILLS

### Programming Languages

Python, C++, Java, Go, C, C#

### Frameworks & Tools

Django, Bootstrap, NumPy, BeautifulSoup, Matplotlib, scikit-learn

### Cloud & DevOps

Azure, Docker, Kubernetes, Git, GitLab/GitHub CI/CD

### Databases

PostgreSQL, Azure SQL, Redis, MongoDB

### Development Areas

Backend Development, API Design, Machine Learning, Data Analysis