

# 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 PlatformRemote  
Software Engineer InternJun 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; project covered in national media outlets.
- Operated 50+ microservices with Docker/Kubernetes/PostgreSQL, deploying via GitLab CI/CD in Scrum sprints.

UCSC IT DepartmentSanta Cruz, CA  
IT SpecialistSep 2024 – Jun 2025

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

Community Law S.C.Madison, WI  
Software and Systems EngineerSep 2025 - Present

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

## PROJECTS

Gym Occupancy Predictor (Research)Jul 2025  
github.com/anton-grachev/gym-occupancy-predictor

- 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 PortfolioAug 2025  
github.com/anton-grachev/christy\_portfolio – portfolio.christypan.me

- 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 RouterSep 2025  
github.com/ant0n-grachev/BCycle-Router – bcyclerouter.app

- 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