

# ADAM ALMAKTARI

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## Education

### New York University

Expected May 2028

*Bachelor of Arts in Computer Science*

*New York, NY*

- Relevant Coursework: Data Structures, Computer Systems Organization (In Progress), Discrete Mathematics (In Progress)

## Experience

### Hemmes Engineering and Science Society (HESS)

Sep 2025 – Present

*IT Co-Head*

*New York, NY*

- Led IT operations for a multidisciplinary engineering society supporting 50+ active members, ensuring reliable systems for meetings, workshops, and internal coordination
- Reduced recurring technical issues by 30% by creating centralized documentation, standardized troubleshooting workflows, and structured access controls
- Supported 5+ large-scale events per semester, providing system setup, live technical support, and post-event teardown
- Managed shared digital tools, permissions, and onboarding workflows, reducing setup time for new members and leadership transitions

### Hatch

Feb 2025 – May 2025

*Software Engineering*

*New York, NY*

- Contributed to an early-stage platform connecting hundreds of NYU students with project and collaboration opportunities
- Implemented and tested core MVP features including user profiles, project listings, and community interaction components
- Participated in weekly sprint cycles, translating product feedback into feature enhancements, bug fixes, and usability improvements
- Supported QA testing across multiple user flows, improving platform stability prior to initial onboarding

### Golden Coast Company

Jul 2025 – Aug 2025

*Manufacturing & Production Associate*

*Salalah, Oman*

- Supported production operations in a food manufacturing facility producing thousands of units weekly
- Tracked production output, inventory levels, and raw material usage across multiple production stages
- Maintained production records and workflow documentation to support manufacturing standards

### Rite Smile Dental Laboratory Network (PCDL)

Jul 2024 – Aug 2024

*Dental Laboratory Operations Associate*

*New York, NY*

- Managed and organized 100+ active case files and work orders across a multi-location dental lab network
- Coordinated workflow communication between technicians, management, and partner dental offices
- Maintained quality control documentation reducing delays and rework

### AWTAN Real Estate

Jul 2022 – Aug 2022

*Real Estate Operations Associate*

*Istanbul, Türkiye*

- Supported daily operations of a real estate office managing 30+ active residential and commercial listings
- Organized and maintained 100+ property, client, and transaction records ensuring accurate documentation
- Coordinated scheduling and communication between agents, clients, and office staff for property viewings
- Assisted with preparation and organization of lease agreements and internal documentation

## Leadership & Projects

### Data Structures Projects (Java) — Coursework

2025

- Implemented linked lists, stacks, queues, binary search trees, and hash tables with full CRUD functionality
- Analyzed time and space complexity tradeoffs and tested performance across large inputs
- Designed modular class architectures and validated correctness through edge-case testing

## Technical Skills

**Programming:** Java, Python

**Core CS:** Data Structures, Algorithms, Object-Oriented Programming, Debugging & Testing

**Tools:** Git, GitHub, Microsoft Excel (pivot tables, formulas), Google Sheets (formulas, data validation), Word, PowerPoint

**Languages:** Arabic (Native), English (Native)