

# MRUNAL ATHALEY

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## EDUCATION

### **Rensselaer Polytechnic Institute – Troy, NY**

**Graduated: December 2025**

*Bachelor of Science in Computer Science and Information Technology and Web Science, minor in Cognitive Science*

**GPA: 3.86/4.00**

- Dean's Honor List (All Semesters): Fall 2022 – Fall 2025

### **Oracle Cloud Infrastructure 2023 Certified Foundations Associate**

**November 2023 – November 2025**

### **ISC2 Official CC Course Certified**

**November 2023 – November 2025**

## EXPERIENCE

### **GPS Consulting Summer Scholar (Cyber Offering Portfolio – Digital Trust & Privacy)**

**June 2025 – July 2025**

*Deloitte – Albany, NY*

- Delivered QA/QC reviews on security documentation and final deliverables to ensure accuracy and compliance for a state healthcare cybersecurity project.
- Built and maintained a change tracker for System Security Plans (SSPs), improving visibility and streamlining updates across multiple stakeholders.
- Conducted SSP timeline analyses for compliance milestones, enabling on-time delivery of critical security documentation.
- Collected and organized evidence for certification assessments, contributing to the successful preparation of executive-level review materials.

### **Software IT Technologies Intern**

**May 2024 – August 2024**

*New York Independent System Operator (NYISO) – Rensselaer, NY*

- Penetration Testing: Identified an XSS vulnerability in a web application, documented findings, and recommended remediation steps in a detailed security report.
- API Development: Designed and implemented two GET API endpoints for an upload/download bidding system using Spring Boot and Java. Followed Agile practices throughout the development process.
- Custom Data Grid Component: Built a custom data grid component using React, Vite, TypeScript, and TanStack Table, addressing the need for a robust data grid solution without incurring licensing costs associated with commercial libraries.
- Presented a poster to all peers, co-workers and top company leadership including the CEO on internship activities and engaged in Q&A sessions to explain project outcomes and methodologies.

### **Undergraduate Researcher**

**January 2024 – May 2024**

*Research in KR of Survey Data (Application of Semantic Web in Bioinformatics) – Troy, NY*

- Produced and updated semantic data dictionaries for select datasets from the National Health and Nutrition Examination Survey.
- Explored existing techniques for working with graph data (RDF, SPARQL, OWL).
- Proposed an application to enable variable search over the semantically described datasets.

### **IT Helpdesk Consultant**

**September 2022 – December 2025**

*Voorhees Computing Center – Troy, NY*

- Interacted with students, staff, and faculty by phone, email, or in-person to provide technical support.
- Diagnosed and resolved software and hardware issues.

## LEADERSHIP AND ACTIVITIES

### **Course Assistant**

**August 2025 – December 2025**

*Computer Science Department (CSCI 4430 – Programming Languages) – Troy, NY*

- Helped students understand programming language principles, coding practices, and problem-solving approaches.
- Assisted the professor with developing and grading homework and exams.
- Provided guidance on assignments, exam preparation, and debugging code through office hours.

### **Undergraduate Computer Science Mentor**

**January 2025 – May 2025**

*Computer Science Department (CSCI 2300 Introduction to Algorithms) – Troy, NY*

- Supported students in understanding key algorithmic concepts, problem-solving techniques, and coding implementations.
- Provided help for homework, exam preparation, and code debugging in lab and office hours.

### **Organizer – Sponsorship Team**

**September 2023 – December 2024**

*HackRPI Organizing Team – Troy, NY*

- Identified and reached out to prospective sponsors and alumni connections to secure support for the hackathon.
- Played an integral role in the pre-event preparations and event setup, including participant check-in.

### **Secretary and Programming Chair**

**January 2024 – May 2024**

*Girls Who Code – Troy, NY*

- Played a crucial role in reviving a dormant GWC chapter and transforming it into a dynamic and active club on campus.
- Led the ideation and planning of programs such as coding workshops, guest speaker events, and collaborative projects, fostering a supportive community for members.

## PROJECTS

### **Backend Developer**

**January 2025 – May 2025**

#### *Meliora Law – ITWS Capstone Term Project*

- Built a secure client intake system to automate legal workflows, including conflict checks, document generation, and scheduling.
- Designed and configured the backend database and role-based routing logic to manage permissions and data access.
- Integrated NetDocuments and Clio for seamless legal data management and ensured encryption and authentication for secure handling.

### **Full Stack Developer**

**September 2024 – December 2024**

#### *Connect Center for Youth – Managing IT Resources Term Project*

- Built a full-stack program portal using Wix and custom JavaScript to support user registrations, data management, and administrative workflows.
- Redesigned the existing website to improve usability and SEO; developed custom forms for sign-ups, donations, and space rentals.
- Integrated an automated events calendar with Outlook APIs for real-time scheduling updates and created an interactive 3D virtual tour using Google Sphere.
- Collaborated in a six-person Agile team to deliver features iteratively.

### **Full Stack Developer**

**September 2023 – January 2025**

#### *LabConnect – Rensselaer Center for Open Source*

- Developed and maintained a centralized platform facilitating the posting and discovery of campus lab and research opportunities.
- Utilized Python-Flask for backend development and React and JavaScript for frontend components.

### **Full Stack Developer**

**November 2023 – November 2023**

#### *SpeakEasy – HackRPI X Hackathon*

- Created a fully working chatbot within 24 hours capable of transcribing the user's spoken words into text and responding in a natural conversational style using the Google Cloud and ChatGPT API.

## SKILLS

**Web Development:** HTML, CSS, JavaScript, TypeScript, React, NodeJS, Express, PHP, jQuery, AJAX, JSON, XML, Bootstrap, Website Design

**Backend Development:** Python, Java (Spring Boot), REST API, MySQL, MongoDB, PostgreSQL

**Programming Languages:** C, C++, Java, MIPS, Verilog, Haskell, Prolog, Erlang, SALSA

**Data Analysis:** R, Pandas, Data Mining

**Tools & Platforms:** Version Control: Git, GitHub, Microsoft Azure, Oracle Cloud Infrastructure, Vite, Vitest, Figma, Balsamiq

**Additional Skills:** DevOps, Algorithms, Penetration Testing, Cost Benefit Analysis

**Languages:** English, Marathi, Hindi, German