Jonathan Snow

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EDUCATION	**University of New Hampshire**	**August 2018 – May 2022**
	College of Engineering and Physical Sciences	*GPA: 3.9*

B.S. in Computer Science, Summa Cum Laude

- **Dean's List:** Fall 2018, Fall 2019, Spring 2020 (High Honors), Spring 2019, Fall 2020, Spring 2021, Fall 2021, Spring 2022 (Highest Honors)

TECHNICAL SKILLS

Languages: Java, JavaScript/TypeScript, C, C++, Python, HTML, CSS, Scala, x86 Assembly

Technologies and Tools: Git, Angular, React, AWS, Docker, Linux, Django, InfluxDB, Datadog

RELATED EXPERIENCE

Liberty Mutual Insurance   **July 2022 – Present**

Technology Associate

- Create a Lambda to synchronize multiple Azure AD group permissions nightly with other services using Graph API, AWS KMS for injected secret encryption, and SSM for token storage
- Develop a S3 hosted Angular PWA allowing API consumers and developers to configure various products into the GUSP API for underwriters
- Leveraged Apigee with the Datadog API to provide insights to consumers and developers about GUSP API metrics including errors, usage by endpoint, and calls per product

UNH Programming Assistance Center   **February 2019 – May 2022**

Programming Tutor

- Assist undergraduate students with programming assignments across 8 undergraduate courses using Python, Java, C, and C++
- Improve student knowledge of topics in Computer Science and aid in building a deeper understanding of core concepts

Liberty Mutual Insurance   **May 2021 – August 2021**

TechStart Intern

- Integrated new device metrics using Java, Spring Boot, and React for an application security operations monitoring dashboard (PASOMD)
- Participated in Agile sprint planning and retrospectives
- Developed mentorship matching application hackathon project using React and Spring Boot with a six-person team

InterOperability Lab   **August 2019 – January 2021**

Undergrad Technician (Software Development)

- Led development of UNH professor's heat pump data clearing house using Django and InfluxDB
- Collaborated with six undergraduate members on the Software Development team
- Utilize GIT and Jira to manage development on projects
- Develop a firewall policy manager using Django and Bootstrap library

LEADERSHIP ACTIVITIES

UNH Residential Life   **August 2020 – May 2022**

Resident Assistant

- Supervise a 40-resident floor community and coordinate community social programming weekly
- Serve in an on-call duty position to enforce university policy and ensure community safety for over 500 residents

UNH First-Year Programs   **May 2019 – June 2019**

Orientation Leader

- Guided more than 3,000 first-year students in getting acquainted with the UNH community and its core values as part of a diverse team of 40 orientation leaders
- Led different groups of students throughout orientation and guided students through academic advising and registration

INVOLVEMENT   *Liberty Mutual Ignite Hackathon 2022. UNH Leadership Camp, UNH Innovation Scholars*