Seoyun (Yuni) Jeong

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EDUCATION

University of Massachusetts Amherst | Manning College of Informatics and Computer Science   **Amherst, MA**
Dual Degree: B.S. in Computer Science and Mathematics (GPA: 4.0/4.0)   *Expected Graduation: Dec 2023*
- Relevant Coursework: Scalable Web Systems, Machine Learning, Operating Systems, Programming Methodology
- Awards: Dean's List Honors, Chancellor's Award, Dean's International Scholarship

University of Massachusetts Amherst | Manning College of Informatics and Computer Science   **Amherst, MA**
M.S. in Computer Science   *Expected Graduation: Dec 2024*

SKILLS & INTERESTS

Programming: Javascript, Python, TypeScript, SQL, C++, R, Express.js, React.js, Node.js
Other Tools: GitHub, Figma, Slack, Google Workplace (Spreadsheet, Slide, Form, Document), Linux
Interests: Consumer-facing web development, Reinforcement Learning, Digital Art, Nature Photography

WORK & LEADERSHIP EXPERIENCE

Research Intern | Ohio State University AI Edge Institute   **Columbus, OH**
Reinforcement Learning, Ray RLlib, Gymnasium, Python   *Jun 2023 - Aug 2023*
- Completed a research project on Multi-Agent Reinforcement Learning, reflecting the latest advancements in Gymnasium and RLlib.
- Trained virtual drones to chase and extinguish wildfires in 2D grid environment simulation, employing the PPO algorithm.
- Gained hands-on experience in conducting research, Gymnasium and RLlib API, and presenting findings to the team and supervisors.

President at BUILD UMass | University of Massachusetts Amherst   **Amherst, MA**
Leadership, Initiative, Pro-bono Work, Student Organization Management   *Aug 2022 - Present*
- Directed a pro-bono tech consulting club of 80+ members and worked collaboratively with a diverse group of individuals.
- Acquired 8 nonprofit clients and grew club size by 35% through proactive outreach efforts and a revamped recruitment process.
- Designed workshops and activities nurturing the hard and soft skills of club members, resulting in heightened client satisfaction.

Undergraduate Course Assistant (UCA) | Manning College of Informatics and Computer Science   **Amherst, MA**
Leadership, Time Management, Logistics, Communication   *Feb 2022 - Present*
- Served in all three undergrad positions within the UCA program to support and shape the college's unique academic program.
- UCA: Assisted students and instructors in intermediate CS courses by holding office hours, grading, and leading discussion sessions.
- Head UCA: Managed logistics for UCAs in large courses. Scheduled office hours, delegated tasks, and facilitated sync-up meetings.
- UCA Coordinator: Organized and streamlined the UCA program with two fellow coordinators. Interviewed and trained new UCAs, resolved administrative issues, and initiated advisory platform to foster knowledge sharing among returning UCAs and new recruits.

PROJECTS

MeetU
Javascript, Bootstrap, Express.js, Node.js, PostgreSQL, Figma, REST API   *Feb 2023 - May 2023*
- Developed a group meeting scheduler web app where users can find the best meeting time and create a poll. Worked in a team of 4.
- Designed prototype in Figma, implemented functionalities with JS, and managed user credentials and event data in PostgreSQL.

Campaign Output Map for Public Higher Education Network of Massachusetts (PHENOM)
Javascript, GeoJSON, Leaflet, CSS/HTML, Google Spreadsheet, Client communication   *Jan 2022 - May 2022*
- Led a team of 5 in developing an interactive co-sponsorship map for PHENOM, a nonprofit advocating for free public education.
- Utilized JavaScript, Leaflet, and GeoJSON to dynamically identify legislators who support PHENOM based on its database.
- Connected client's Google Spreadsheet as the database for straightforward updates and deployed the end product in a timely manner.
- Elevated the organization's online presence by crafting an engaging and informative landing point, using the map as a centerpiece.

UMass Index Website for Student Government Association (SGA)
React.js, Node.js, CSS/HTML, Website Design, Client communication   *Sep 2021 - May 2022*
- Developed a product introduction website for SGA's yearbook project, resulting in over 500 orders in May.
- Leveraged React.js and CSS3 media queries to create a responsive website, ensuring optimal user experience across various devices.
- Collaborated closely with SGA to curate and maintain website content that aligns with yearbook ordering status and project timeline.

CO-CURRICULAR

HackUMass
Logistics and Technology Team Member   *Aug 2022 - Nov 2022, Aug 2023 - Nov 2023*
- Strategized and executed meticulous logistics plans and secured sponsorships for HackUMass, a 36-hour annual hackathon at UMass Amherst, accommodating over 800 participants.
- Renewed content and styling of the hackathon website to deliver the latest updates on the event using JS, HTML, Bootstrap, and Git.