Christopher R. Pickreign

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EDUCATION

University of Massachusetts Amherst | *Commonwealth Honors College*   Amherst, MA
Manning College of Information and Computer Science | *Bachelor of Science in Computer Science*   *Candidate, May 2025*
Isenberg School of Management | *Bachelor of Business Administration in Finance*   *Candidate, May 2025*
  - *GPA:* **3.80** | *ACT*: **35** | Deans List All Semesters
  - Clubs and Societies: Isenberg Undergraduate Consulting Group, Men's Club Golf

Relevant Coursework: *Artificial Intelligence, Software Entrepreneurship, Database Management, Scalable Websystems, Machine Learning, Search Engines, Software Engineering, Advanced Data Structures and Algorithms, Computer Systems*

PROFESSIONAL EXPERIENCE

Liberty Mutual Insurance   Portsmouth, NH
Associate Software Engineer | US Retail Markets (USRM)   *July 2025 - Present*
  - Developed and deployed a full-stack application that enabled claims adjusters to **create, view, and update** customer claims
  - Engineered **4** serverless CRUD APIs in **AWS Lambda** (JavaScript) leveraging **AWS CDK (CloudFormation), S3, DynamoDB, & SNS;** implemented monitoring and alerting with **CloudWatch** and **Datadog** to improve system reliability
  - Developed a responsive **Next.js UI** using internal design components and automated critical workflows with **Playwright**

Isenberg Undergraduate Consulting Group   Amherst, MA
Operations Director, Project Manager, Analyst, Junior Analyst, Senior Advisor   *May 2022 - Present*
  - Served as Director of Operations, Project Manager, and Analyst within a **30+** member student-run consulting organization with a **~7%** acceptance rate, providing strategy services to **F500** companies, startups, private equity firms, and nonprofits
  - Developed a curriculum for **25** general body meetings, including **7** guest speakers, **led recruiting** initiatives receiving **70+** applications, managed a **~$4K** budget, maintained & updated the group's website, and implemented member feedback
  - Secured status as a registered student organization, advised and mediated team conflicts, sourced projects, provided tailored feedback to **3** project teams, and supported fellow directors with insights from frequent 1-1 conversations
  - Led a team of **3 analysts** to develop an electric vehicle charging **business model** and apply to a **$1.5MM RFP** for the management team of New England's **largest energy-buying consortium,** and received **$8K** in funding from the MassCEC

Liberty Mutual Insurance   Boston, MA
Full Stack Software Engineering Intern | Innovation and Experimentation   *June 2024 - August 2024*
  - Designed and patternized a **React**.js application using **JavaScript, HTML, CSS,** and internal theming component libraries
  - Integrated API endpoints in a **Python, AWS S3, OpenAI, and Express** backend, enabling user queries to **OpenAI** endpoints; tested the application flow utilizing **Jest** and **Playwright,** and deployed the app with **Bamboo** and **CloudForge**
  - Developed a second full-stack application based on the pattern that linked to an existing **Python, S3, and Express** backend and allowed users to translate documents & text in over **15** different languages
  - Research & presented on the impact of **LangGraph Multi-Agent** workflows at Liberty Mutual to senior stakeholders

Liberty Mutual Insurance   Portsmouth, NH
Full Stack Software Engineering Intern | Global Retail Markets (GRM)   *June 2023 - August 2023*
  - Delivered features to enable a customer field scheduling service within a **React UI** to manage property claim appointments
  - Contributed to a **Spring Boot** backend with **DynamoDB** for appointment status updates, and integrated an **AWS Lambda** function to sync schedule changes with adjusters' Outlook calendars

Kelly Green Lawn Services, LLC. (KGLS)   Harvard, MA
Co-Founder   *December 2018 - May 2024*
  - Co-founded a midsize landscaping startup achieving **~30% CAGR** before exiting after **5** years at a **4x** revenue multiple
  - Delivered professional products and services to over **100** individual/residential clients with ~(**15-25**) weekly customers each year while **managing, teaching, and developing** over **20** local subcontractors

PROJECTS

Outreach Bot | *Node.js, Express.js, PostgreSQL, Apollo.io API, Next.js, Tailwind CSS*   *January 2024 - May 2024*
  - Led the creation of an "Outreach Bot" to **automate** large-scale tailored messaging efforts that would enhance project **sourcing** efforts, **student recruiting** & **networking** initiatives, and facilitate UMass **alumni engagement**
  - Developed the product vision, pitched, and secured its inclusion in my Junior-year software engineering class
  - Collaborated with a team of **8** engineers to create an alpha, beta, and 1.0 release of the Outreach Bot
  - Created the backend infrastructure using a **Node.js & Express.js** server to query an **Apollo.io API** and filter responses to store contact info in a **PostgreSQL** database used to automate outreach using **NodeMailer**

SKILLS & INTERESTS

Programming Languages: Java, JavaScript, SQL, Python, TypeScript, HTML, CSS, C, LaTeX
Frameworks & Skills: AWS Lambda, React, SpringBoot, Node, DynamoDB, Express, AGILE, Jira, Express, PostgreSQL, GitHub
Interests: Avid golfer playing to a **+2** handicap, lifelong hockey & soccer player, poker, fantasy football, Catan, weight lifting