Filip Ilić

Melrose, MA, USA | ilic.f@northeastern.edu | 617-943-9103 | https://github.com/filic2005 | fililic.com
Availability: July 2025 – December 2025

Education

Northeastern University, Boston, MA   Sept 2024 – May 2027
Khoury College of Computer Sciences – Candidate for B.S. in Computer Science   **GPA: 3.84/4.00**
Relevant Coursework: Object-Oriented Design, Theory of Computation, Logic and Computation, Discrete Structures, Intensive Math Reasoning, Foundations of Cybersecurity, Introduction to Databases
Activities: Downhillers Ski and Snowboard Club, NUHOC, Intramural Soccer

Worcester Polytechnic Institute, Worcester, MA   Aug 2023 – May 2024
Candidate for B.S. in Computer Science   **GPA: 3.75/4.00**
Relevant Coursework: Algorithms, Systems Programming Concepts, Calculus 3 & 4
Honors: Dean's List All Semesters at NEU & WPI, WPI Presidential Scholarship

Skills

Tech Languages:	Java, Python, JavaScript, TypeScript, R, SQL, C, Racket, C++, HTML, CSS
Tools/Platforms:	Windows, MacOS, Linux, AWS (S3, Route53, CloudFront, Certificate Manager), Git, MySQL
Languages:	English, Serbian, German

Projects

Flight Incident Database | *R, MySQL*   June 2025
- Designed and implemented a relational database (3NF) for flight incident reports using MySQL.
- Built an ETL pipeline in R to clean, transform, and batch-insert CSV data into normalized tables.
- Developed stored procedures, enforced referential integrity, and ran analytical SQL queries via R.

fililic.com | *AWS, HTML, CSS, JavaScript*   Jan 2025
- Created a personal website using HTML, CSS, JavaScript, and AWS services (S3, Route53, CloudFront, Certificate Manager) for hosting and security.

Three Trios | *Java*   Oct 2024
- Developed a Java-based multiplayer game, *Three Trios*, incorporating over 50 Java classes, interfaces, and enumerations.
- Followed object-oriented design principles such as Inheritance, Composition, Model/View/Controller, Decorators, Strategies, Observers, etc.
- Designed gameplay mechanics allowing players to compete against either human opponents or algorithms with diverse play style strategies.

Experience

Code for Boston, Boston, MA | TypeScript, React.js, Node.js, Express.js, Vite   March 2025-
Open-Source Software Engineer
- Contributing to a frontend-focused platform that improves public access to liquor license statuses for Massachusetts businesses.
- Using TypeScript to build a user-friendly interface that simplifies tracking of applications, renewals, and availability.
- Collaborating on architecture and UI design based on state-provided licensing data.

Walgreens, Melrose, MA   May 2024 – Jan 2025
Customer Service Associate
- Assisted customers and team members with strong communication skills.
- Managed inventory, processed transactions, and handled returns efficiently.
- Balanced multiple tasks under time constraints while maintaining accuracy.

Interests & Hobbies

Soccer, Football, Music**,** Snowboarding, Competitive Video Games, Exercise, Car Enthusiast