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E YAL J ACKMAN

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EDUCATION

Amherst, MA	**University of Massachusetts, Amherst**	**Fall 2020 – May 2024**

- B.S. in Computer Science. ……Expected May 2024.
- B.S. in Linguistics. ……Expected May 2024.
- GPA: 4.0/4.0
- Undergraduate Coursework: Web Programming, Search Engines, Data Structures, Modern Programming Methodology, Discrete Mathematics, Syntax, Linguistic Theory, Systems Programming, Linear Algebra, Calculus III, Political Economy, Public Policy.

EMPLOYMENT AND VOLUNTEERING

Software Developer Internship	**MindHome Inc.**	**January 2022-May 2022**

- Developed parts of company website and mobile app with React, React Native, and Shopify.
- Collaborated with product team to implement new features, from the initial design to deployment.

Camp Counselor	**Tzofim, Israeli Scouts of America**	**September 2016-June 2020 (Seasonal)**

- Developed and led activities for 100+ children, teaching cultural lessons and practical skills.
- Spent over 1200 hours with the organization, with leadership roles at events (holidays, parties, festivals).

Restaurant Team Member	**Chipotle**	**May 2018 – December 2018**

- Optimized time and efficiently chose what to cook and prepare as grill cook in a very busy franchise.
- Performed work as line cook, grill cook, and cashier.

TECHNICAL EXPERIENCE

Projects

- **Image Manipulation** (2021). Manipulated properties of images (saturation, blur, red-scale, etc.) using higher-order functions and abstraction. *JavaScript*
- **Non-deterministic Finite State Machine.** (2022). Created NFA supporting state creation, transition creation, and path traversal given an input string, with a visual interface. *React, Typescript*
- **Recursive List** (2020). Developed a recursive link-based implementation of the List abstract data type. *Java*
- **Cache Simulator** (2021). Implemented a simulated version of cache memory. *C*

ADDITIONAL EXPERIENCE AND AWARDS

- **Dean's List Honors:** Maintained a 3.5 or higher GPA for Fall 2020 and Spring 2021 semesters.
- **Course Distinction:** Completed CS187: Programming with Data Structures within top 5% of the class.

PROGRAMMING LANGUAGES AND TECHNOLOGIES

- **Proficient**: JavaScript, React, TypeScript, Java, HTML, C
- **Familiar**: CSS, NodeJS, Python, bash
- **Technologies**: Visual Studio Code, Eclipse, Nano

LANGUAGE SKILLS

- **American English** — Native/Fluent
- **Hebrew** — Native/Fluent
- **French** — Conversational