

Dominik M. Grzeszczak

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LinkedIn: linkedin.com/in/domgrzeszczak

Education:

Massachusetts Institute of Technology

Cambridge, MA Expected Graduation: May 2029

- Pursuing B.S. in electrical engineering and computer science

Glenbrook South High School, SELC PLTW

Glenview, IL August 2021 - June 2025

- Extra courses taken through MIT, Harvard, Northwestern, NSHSS, EdX, and Oakton Community College
- High Honorable | NHS | NSHSS | 4.90/4.00 GPA | 1480 SAT | 12 AP Courses | AP Scholar with Distinction
- Engineering Club President, Science Olympiad Team Captain, and Distinguished Volunteer & Private Tutor

Experience:

Electrical Engineering Domain Expert, Handshake AI Fellowship

Glenview, IL (Remote) June 2026 - Present

- Orchestrated electrical engineering tasks revolving around schematic and PCB design, PCB layout, and circuit analysis
- Designed grading rubrics and technical benchmarks for technical tasks and other domain experts to complete
- Completed PCB design, digital and analog circuits, and circuit analysis tasks to help train AI with feedback

Software Engineering Intern, Akamai Technologies

Cambridge, MA (Remote) May 2026 - Present

- Built a CLI tool in TypeScript to streamline SDK integration for Akamai's Bot & Abuse Protection platform
- Extended SDK compatibility across 5 platforms: iOS, Android, React Native, Flutter, and Cordova
- Engineered bot and malware detection with multi-threaded platform rendering and cross platform network handling

Co-Founder, Jam It!, Y Combinator Funded

Boston, MA (Remote) January 2026 - February 2026

- Co-founded and launched "Jam It!" on the App Store with direct funding from Y Combinator
- Achieved a 5 star rating on the App Store, over 1,000 views, 53 downloads, and \$25 of in-app purchases within 60 days
- Helped design UI/UX in Figma and worked on backend game logic and song compatibility in Swift
- Designed website in typescript, node js, and react, utilizing Vercel and Cloudflare hosting

Electronics and Biomedical Technician, Hamilton Broadcast Engineering, LLC

Des Plaines, IL March 2020 - August 2025

- Assisted in designing a confidential biomedical product with data sampled with NVIDIA's AI from 20 volunteers
- Helped design and build a radio station for Maine East High School for 2,340 listeners
- Circuit board design using KiCAD, EasyEDA Pro, MultiSIM, and Visual Studio Code
- Responsible for prototype development, testing, analyzing data, and system debugging

Teacher, Splash at The Massachusetts Institute of Technology

Cambridge, MA November 2025

- Taught 86 high school students about multivariable calculus, electrical engineering, and public speaking
- Covered topics on multidimensional functions, vectors, digital electronics and circuits, and public speaking skills

Research Assistant, Argonne National Laboratory

Lemont, IL September 2024 - May 2025

- Statistical and biomedical research in plastic degrading microbes
- Used Python and R to analyze 20,000 simulations of data identifying plastic degrading genomes

Assistant Teacher, Northwestern University

Evanston, IL July 2024 - August 2024

- Helping teach advanced high-school statistics and probability to 18 middle school students
- Created assignments, graded homework and tests, and led 1.5hr biweekly review sessions

Engineering Lab Assistant & Assistant Teacher, Glenbrook South High School

Glenview IL August 2021 - May 2025

- Lectured 100+ students on Arduino, Fusion 360, PrusaSlicer, 3D Printing, and makerspace safety and operations
- Maintained \$50,000 makerspace with CNC, laser-cutters, 3D printers, saws, and other power tools
- Helped teach CAD design, 3D modeling, and 3D printing to 20 students at my high school's summer school

Skills:

- **Frameworks:** Proficient in EasyEDA Pro, KiCAD, MultiSIM, Fusion 360, Prusaslicer, and Bambu Studio
- **Equipment:** Proficient with digital multimeters, analog and digital oscilloscopes, function generators, spectrum analyzers, soldering guns, 3D printers, laser-engravers, a vinyl printer, cnc router, drill press, and lathe
- **Programming:** Experience in C, Python, Java, HTML, CSS, Javascript, Visual Studio Code, Windsurf, and Cursor
- **Technical:** Circuit PCB design and manufacturing, circuit analysis, digital logic, analog circuits, and electronics theory
- **Languages:** Native Polish speaker, Seal of Biliteracy and proficient in Polish and Spanish, Certified trilingual