

Seth Goldin

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Student interested in researching & developing technical solutions in neuroscience & education

EDUCATION

5.313 GPA • 35 ACT • Graduating 6/22

Florida Atlantic University High School Jupiter In Partnership With [Max Planck Academy](#) - High School Senior, FAU Wilkes Honors College (08/2020-present)

Jupiter High School - High School Freshman, Sophomore (08/2018-08/2020)

HONORS & AWARDS

National Merit Semifinalist • AP Scholar With Distinction

Magar Fellowship: One of three students chosen to pursue neural data science research at the Max Planck Florida Institute for Neuroscience in a paid summer fellowship.

Peer Mentor: Selected as a mentor for the incoming class of the Max Planck Academy.

Student Of The Month: Nominated by my AP Biology teacher February 2020.

EXPERIENCE

Max Planck Florida Institute For Neuroscience - Magar Research Fellow (05/2021-present)

- Accelerated analysis in the [Electron Microscopy Core](#) under Dr. Naomi Kamasawa by building a [software package](#) for efficient evaluation of EM freeze fracture replica data.

Catalyst Scientific - Founder, Lead Software Engineer (01/2021-present)

- Created affordable embeddable [open-source video chat](#) for developers to easily integrate into their applications. Powered highly successful education startups including Hours by Fiveable and Curious Cardinals. Certified LLC in Florida.

TopDecked Limited - Software Development Intern (01/2020-present)

- Gained experience building [user utilities](#), wrote a [k-means clustering implementation](#).

SwiftGrade - Primary App Developer (12/2019-present)

- Built an [app to view school grades](#). Approved by the School District of Palm Beach County Technology Clearinghouse Committee, supports 180 schools with 6000+ users.

Goldin Web Design - Freelance Web Developer (03/2018-Present)

~ View a visual portfolio of all my projects at <https://seth.goldin.io/> ~

ACTIVITIES & LEADERSHIP

Google Developer Student Club - *Tech Lead, Lead Hackathon Organizer (08/2020-present)*

- Elected as a Tech Lead, created and presented several workshops/events to teach other students about [Git](#), [Regex](#), and [Chrome Extensions](#) and support them on their journey.
- Elected Lead Hackathon Organizer for [Hackapalooza](#), a 2-day hackathon [programming extravaganza](#) on September 25-26, 2021 for which I led the planning and execution.

FIRST Robotics Competitions - *Programming Mentor (08/2015-present)*

- Participated in FIRST robotics for over seven years since sixth grade. In that time I have been team captain and now a mentor. Involved in outreach including volunteering at FIRST Lego League competitions, beach cleanups, and STEM education enrichment events.

VOLUNTEERING & SERVICE

College Compendium Corporation - *Director, Lead Developer (06/2021-present)*

- Created a [nonprofit open-source platform](#) to share high-quality public CS resources.
- Featured on Morning Brew and reached #4 on Product Hunt with over 1000 classes compiled and 70000 students served in 179 countries. Certified Nonprofit in Florida.

Palm Beach County Library - *ReadTogether, Reading & Coding Buddies (08/ 2016-present)*

- Created and implemented a “Coding Buddies” program teaching basic programming.
- Mentor for “Reading Buddies,” which paired teens with elementary-aged children with limited access to educational resources to improve their literacy skills.
- Built [ReadTogether](#), a platform enabling online reading programs developed with the support of local librarians and used by [Little Smiles](#) for their offering “Little Readers.”

Music With A Master - *Founder, Lead Developer (03/2020-03/2021)*

- Supported professional musicians unable to perform during Covid by [connecting them with passionate students](#). Partnered with world-renowned musicians from the Chicago Symphony Orchestra, the Philadelphia Orchestra, and the New York Philharmonic.

Quantum Hospitality House - *Dinner Delivery, Book Drive (05/2017-present)*

QUALIFICATIONS SUMMARY

Programming: Fluent in Java, Python, React, Angular, Dart, C, C++, HTML, PHP, CSS, JavaScript, TypeScript, and Git. For examples of my work, see github.com/GoldinGuy

Strengths: Proven leadership/collaborative talents, a natural curiosity, and drive for excellence.

Skills: 3D modeling/CAD design, Adobe Photoshop/Illustrator, sculpture and glassblowing.

~ Additional information and recommendations available at [linkedin.com/in/sethgoldin](https://www.linkedin.com/in/sethgoldin) ~