

# Seth Goldin

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

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## EDUCATION

**5.313 GPA • 35 ACT • Graduating 6/22**

**FAU High School Jupiter In Partnership With Max Planck Academy** - High School Senior, College Sophomore (08/2020-present) [mpfi.org/training/max-planck-academy](http://mpfi.org/training/max-planck-academy)

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

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## 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.

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## 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 multi-million-dollar 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/> ~

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## 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.

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## 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)*

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## QUALIFICATIONS SUMMARY

**Programming Skills:** 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](https://github.com/GoldinGuy)

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

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