Seth Goldin

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OBJECTIVE

I am extremely passionate about using technology to develop solutions to real-word problems. I am interested in researching and developing technical solutions in the fields of medical science and education.

EXPERIENCE & LEADERSHIP

ReadTogether, Palm Beach County - Lead Software Engineer & Program Coordinator

October 2020 - PRESENT

- Created a platform for literacy programs such as "Reading Buddies" (a program for elementary-aged underprivileged children) to take place virtually during Covid-19.
- Working with the Palm Beach County Library System, Literacy Coalition, and Boys Town to run initial pilot test. View it at readtogetheronline.com

SwiftGrade, Palm Beach County - Lead App Developer

September 2019 - PRESENT

- Developed an app for students to easily access information about their grades and assignments in Palm Beach County. The app, SwiftGrade, was approved by the School District of Palm Beach County Technology Clearinghouse Committee in March 2020 and supports over 180 schools with around 6000 active users.
- View it on the app store at <u>apps.apple.com/us/app/swiftgrade/id1495113299</u> or visit <u>getswiftgrade.com</u>

Goldin Web Design, Jupiter - Freelance Website Developer

March 2018 - PRESENT

 Built dozens of websites for medical professionals and small businesses. A few examples can be viewed at <u>gardensneurology.com</u>, <u>renovarecounseling.com</u>, <u>stolloffmanofflaw.com</u>, <u>ninakesselpsychology.com</u>, <u>davidabramspsychology.com</u>, <u>craftmastercustompools.com</u>, <u>st-wm.com</u>, and <u>179swampthing.org</u>

A partial portfolio can be seen at <u>goldinwebdesign.com</u>

Music With A Master, Jupiter - Web Developer

March 2020 - PRESENT

Supported professional musicians who were unable to perform publicly during the difficult times of Covid19 by connecting them with passionate students desiring to learn and share their love of music. Can be seen at musicwithamaster.com

TopDecked, Jupiter - Software Development Intern

March 2020 - PRESENT

- Worked on several tools and utilities through an internship with TopDecked, a platform aiming to bring the best of current technology to the gaming industry.
- Built a K-Means clustering implementation in Typescript for a particular feature, which can be seen at
- Can be seen at topdecked.com

Goldin Green, Jupiter - Horticulturist

November 2017 - August 2018

- Sold home-grown kitchen herbs such as basil and rosemary to regular clients on a weekly and bi-weekly basis. Grew, packaged, and delivered the herbs.
- Built an app for this business to allow customers to place their weekly order through a form and make payments via PayPal.

EDUCATION

FAU Max Planck Academy, Jupiter - High School Junior, College

Freshman

August 2020 - PRESENT

- GPA 5.313
- ACT Score 34 (Taken Feburary 2021)
- PSAT Score 1410 (Taken Fall 2020)
- College courses at the FAU Wilkes Honors College
 - Honors Calculus-Analytic Geometry
 - Honors General Chemistry I
 - Honors General Chemistry I Lab
 - Intro to Programming in C
 - Foundations of Programming
 - Multidiscipline Intro to Research
 - Honors College Forum
 - Honors Intro to Neuroscience Research
- Shadowed Dr. Silvers, a Neurologist in Palm Beach Gardens (January 2020)

Jupiter High School, Jupiter - High School Freshman, Sophomore

August 2018 - August 2020

- AP & AICE Exams:
 - AP Computer Science A 5
 - AP Computer Science Principles 5
 - AP Human Geography 5
 - AP World History (Modern) 5
 - AP Biology 4
 - AP Psychology 4
 - AICE General Paper- A
 - AICE Lang A
- Attended Bak MSOA as a Visual Arts major

SKILLS

- Fluent in Java, Python, React, Angular, Dart, C, C++, HTML, PHP, CSS, JavaScript, Typescript, and Git
- Website and app design/development
- 3D modeling/CAD design
- Adobe Photoshop/Illustrator, Microsoft suite

CLUBS & ACTIVITIES

- FAU Google Student Developers Club Tech Lead
 - Presented various programming concepts for dozens of students, such as the "All About Git" workshop explaining how to "power up your programming" with version control
- Robotics:
 - 2019-present: Children of the Swamp 179 FIRST Robotics team programmer
 - 2018-2019: MARS 1523 FIRST Robotics team programmer
- Jupiter High School varsity track team
- Jupiter High School varsity cross-country team
- Students Against Melanoma

COMMUNITY SERVICE

- Library volunteer work:
 - Created and volunteer in a Coding Buddies program at the Gardens Branch Public Library 2018 - present (April/May)

- Volunteer at Reading Buddies Program at Gardens Branch
 Public Library 2017 present (August November & January March)
- Volunteer at Gardens Branch Public Library 2016 present (Rest of year)
- Children of the Swamp & MARS community outreach 2018 present (volunteer at FLL robotics competitions and beach cleanups)
- Volunteer at local art studio Brush Strokes and More

AWARDS

- Student of the Month at Jupiter High School (February 2020)
- Won three silver Scholastic keys in stop motion animation and sculpture (2017-2018)
- Won 2nd Place in 2018 Palm Beach County science fair built an indoor terrarium to test how levels of darkness affected plant growth
- American Society of Sugar Cane Technologies award winner at the 2018 Palm Beach County Science Fair
- Received certificate of achievement for receiving a perfect score on FSA Algebra I EOC and Civics EOC (2017-2018)
- Varsity Letters in Track and Cross Country

SUMMER PROGRAMS

- Launch X entrepreneurship program @ MIT 2019
 - Worked on a team of international students for four weeks to identify business opportunities, formulate an idea with market research, design and test a solution, and build business logistics. Attended lectures on entrepreneuring from Harvard and MIT professors at the MIT campus
 - https://launchx.com/?gclid=CjwKCAiA_f3uBRAmEiwAzPuaM4G SRtYRf7wnkpFEjjJbatAz0-4Rk5BRqRhnnNz92kz3ZSemTNNuO xoCKJ8QAvD_BwE
 - Designed a product with the goal of helping solve the indian water crisis. Called Spade, it was a filter that could be attached to a water truck to enable the usage of non-potable water in addition to regular drinking water (thus increasing total supply and availability). Website can be seen at www.spadeco.org
- Johns Hopkins Center for Talented Youth 2018, Foundations of Programming Course
 - Accepted into a three-week course at Haverford University on computer science and the foundations of programming.

Learned about object-oriented programming through the use of Java to solve practical problems in real-life situations

REFERENCES

- Lincoln Baxter III CEO at TopDecked
 - <u>lincoln@topdecked.com</u>
- David Silvers Neurologist at Gardens Neurology
 - gardensneurology@outlook.com