Dylan M. Collins
Full Stack Software Engineer

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EDUCATION

Lambda School   **San Francisco, CA**
Full Stack Web Development and Computer Science   August 2020
- **Major:** Full Stack Web Development
- **Relevant Coursework:** React / JavaScript / Node / Python / HTML / CSS / SQL / Knex / Data Structures / Algorithms / DevOps / CI-CD / Computer Architecture
- Lambda School is a 40 hour a week accelerated program that focuses on computer science and web development over the course of +9 months

Montgomery County Community College   **Blue Bell, PA**
Associates of Business Administration   Spring 2021 (Anticipated)
- **Major:** Business Administration
- **Relevant Coursework:** Calculus / Statistics / Public Speaking /Computer Information Systems 101

PROJECTS

MySchool   https://www.myschool-v1.com/
Full Stack Developer   May 2020 – July 2020
Technology Stack: React / Redux / Node / Express / Cloudinary / Chakra / Jest / Knex / Postgres / AWS / Heroku
- Completed an eight week project on a cross-functional team of five, aiming to create a simple and efficient process for parents to assemble portfolios for homeschooled children
- Leveraged React and Redux to develop the website's front-end, which included building out it's core functionality, implementing CRUD operations and deploying the website on Amazon Web Services Amplify
- Utilized Node to build endpoints for resources and create helper-functions that allow communication between the database and server, effectively creating a RESTful API

Expat-Journal   https://github.com/bw-expat-journal-1/back-end
Back-End Developer   May 2020 – May 2020
Technology Stack: Node / Express / Cloudinary / Knex / Postgres / Heroku / Jest / Json Web Token / Authentication
- Designed the back-end of the website, enabling data persistences for posts as well as authentication of user credentials and uploaded photos
- Created custom middleware functions that authenticate users and handle errors for invalid HTTP requests
- Implemented a relational database in Postgres and leveraged Knex as the API's query builder
- Integrated Cloudinary and Express File-upload into the API to build out its cloud storage and image upload capabilities, respectively

Conway's Game of Life   https://conway-game-of-life.dylan17th.vercel.app/
Front-End Developer   July 2020 – July 2020
Technology Stack: React / CSS / Vercel / Git / Github
- Programmed Conway's game of life utilizing a two dimensional array and multiple algorithms to implement rules
- Incorporated custom features that enable random cell generation, adjustable speed and popular pattern presets
- Designed website leveraging CSS and media queries, successfully creating a responsive layout that is accessible on most devices

WORK EXPERIENCE

Renewal By Andersen   **King of Prussia, PA**
Proximity Marketing Manager - Proximity Marketing   March 2017 – March 2019
- Led a marketing team of 10 to communicate with local homeowners and generate leads for sales representatives
- Managed permit processes and territory development, allowing the team to canvas identified neighborhoods
- Trained team members in basic sales tactics to maximize team production and lead generation

SKILLS & INTERESTS

Technical Skills: React, Redux, JavaScript, Node, Express, HTML, CSS, .LESS, Knex, Python, Postgres, Unit Testing, Github, Git, SQLite3, Authentication, Heroku, AWS, SQL, Relational Databases, Jest, Microsoft Word, Excel
Interests: Football, Basketball, Philadelphia Professional Sports Teams, Fantasy Football