Dylan Stone-Miller

Software Developer

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As a former co-founder and educator (***Forbes 30 Under 30 in Education, 2017***), I gained four years of frontend web development and management experience. I now develop full-stack applications using the PERN (PostgreSQL, Express, React, Node) stack.

SOFTWARE DEVELOPMENT SKILLS

JavaScript, Python, Node.js, React, Express, PostgreSQL, Sequelize, bcrypt, AWS, Ubuntu, HTML, CSS, Bootstrap, Flexbox, jQuery, Debugging, SCRUM, Agile Development, User Experience Research, User Interface Design, Wireframing, Deploying

FEATURED PROJECTS

ACTAPP | *Social Media App for Social, Environmental, and Political Activism*   **July 2020**
- **Skills & Tools:** HTML, CSS, JavaScript, Node.js, Express, PostgreSQL, Git, GitHub, AWS, Ubuntu
- **Roles:** Led three-person remote team through agile app development, conducted user experience research to inform design and functionality of app, built backend architecture, designed database structure and queries, created wireframes and designed majority of responsive user interface, deployed using Amazon Web Services
- Demo | GitHub

GOVERI | *Prototype of ACTAPP with a Usability Testing Tool to Automate User Experience Research*   **June 2020**
- **Skills & Tools:** HTML, CSS, JavaScript, Intro.js, Google Geocode API, Git, GitHub
- **Roles:** Led three-person remote team through agile development of an app prototype with an attached form to collect usability data informing the design of my next full stack project, created majority of frontend programming logic and API calls
- Demo | GitHub

MAXRUN | *Video Game for My Son*   **June 2020**
- **Skills & Tools:** Python, PyGame.py GUI
- **Roles:** Designed and built two versions of an object-oriented video game using a graphical user interface
- GitHub

TODO+ | *Task Management Tool for Developers, Creatives, and Self-Care*   **May 2020**
- **Skills & Tools:** JavaScript, React.js, JSX, ES6, CSS, Bootstrap
- **Roles:** Learned React.js on my own through video tutorials, built frontend of app with React using classes, then redid the logic to include React hooks
- Demo | GitHub

RELEVANT PROFESSIONAL EXPERIENCE

honorCode, *Atlanta, GA*

Director of Programs | ***Georgia State University 40 Under 40, 2018***   **January 2018–January 2019**
- Designed and led computer science professional development and training for more than 50 teachers at multiple schools and youth development organizations in metro Atlanta – exposing over 3,000 students to coding in 2018
- Developed online web development training program for teachers to implement coding projects in every classroom, conducting user-centered qualitative assessment of implementation, iterating on program design based on teacher and student feedback
- Advised school clients on STEM implementation, assessing goals and designing programming to meet goals

Co-Founder & Director of Curriculum | ***Forbes 30 Under 30 in Education, 2017***   **July 2015–December 2017**
- Facilitated computer science training with veteran K12 teachers – average of 8 years experience in the classroom – with 86% reporting the training as "more effective" or "much more effective" than other STEM training in which they had participated
- Designed and led web development after-school program with students in grades 6-12
- Led middle school computer science classes, developing and iterating on curriculum
- Managed multidisciplinary curriculum development team over two summers, training team in curriculum development, building over 1,500 pages of curriculum materials aligned to state Mathematics and Computer Science standards

EDUCATION

DigitalCrafts | Immersive Full Stack Web Development Bootcamp | *Atlanta, GA*   **June 2020 - Present**
Georgia State University | Master of Science (M.S.) in Educational Research | *Atlanta, GA*   **December 2019**
Georgia State University | Bachelor of the Arts (B.A.) in Psychology | *Atlanta, GA*   **May 2013**