

Thorya Aadland

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Technical Skills

- **Programming:** React, Javascript, Django, Python
- **Web Development:** HTML, CSS, Sass
- **Tools:** Git, GitHub, npm, Yarn, DigitalOcean, PostgreSQL, Three.js
- **DevOps Software:** Figma, Lucidchart, Jira, Trello
- **Art and Design Software:** Adobe Photoshop, Adobe Illustrator, Adobe Animate, Clip Studio Paint, Procreate

Experience

Van Robotics, Columbia SC – *UI Designer/Developer (July 2018 – present)*

- Designed and developed web interfaces with Django to accompany the ABii robot, a smart robot tutor for assisting children with math, language arts, and SEL skills.
- Designed and developed a lesson creation web app using React.js, allowing teachers to create custom lessons for ABii and export them to the robot for use in classrooms.
- Designed and developed an image creation web app using React.js and Three.js, allowing teachers to create illustrations and diagrams for their custom lessons.
- Ensured mobile compatibility with ABii through mobile-first design strategies and rigorous iPad testing.
- Created wireframes and flowcharts for drafting new development projects with Figma and LucidChart.
- Assisted other developers in project testing phases through GitHub peer review, Jira, and Trello.
- Provided hundreds of raster and vector illustrations for tutorials, assessments, and stories using Adobe Illustrator.
- Animated characters in Adobe Animate and exported them to HTML canvas and Javascript for a more immersive and interactive learning experience.

Independent Contractor, Columbia, SC – *Freelance Digital Artist (January 2022 – present)*

- Accepted commissions and contracts for independent illustration and character design work.
- Collaborated with clients, handled pricing, and negotiated copyright terms and conditions for personal and commercial work.
- Designed and edited characters to accompany a broad range of media, from YouTube videos to research proposals.

USC Center for Digital Humanities, Columbia SC – *Full-Stack Web Developer (May 2018 – August 2018)*

- Developed a grant-funded web archive of historical media for the city of Columbia using Django, on behalf of the African American Studies department at the University of South Carolina.
- Assisted in the design of the WardOne app, an iOS app which contained a digital tour of historic downtown Columbia with the use of the Google Maps API.

Education

University of South Carolina, Columbia SC – *Bachelor of Science in Computer Science, Minor in Media Arts (2018)*