Shubha Rajan Arehalli

Email:shubharajan94@gmail.com
LinkedIn: https://www.linkedin.com/shubha-rajan

Skills

Programming languages: Ruby, Python, HTML, CSS (Sass), Javascript, C#, Dart

Frameworks: Rails, Flask, React, Bootstrap, JQuery, Flutter

Technologies: Git, Heroku, Unity

Education

Software Developer Training, Ada Developers Academy (Seattle, WA), *One of 48 students selected for Cohort 11 of Ada Developers Academy, a highly selective training and internship program for women, non-binary and gender diverse individuals to break into the tech sector. Less than 10% of applicants are selected*

B.S. Neurobiology, Physiology, and Behavior, University of California, Davis (Davis, CA), Attended Sept. 2011-June 2016

Employment Experience

Senior Educator, California Science Center, Los Angeles, CA

September 2018 - January 2019
- Part-time instructor and curriculum developer for Big Lab programs including field trips, homeschool and scout programs

Engineering Curriculum Developer, Technovation (formerly Iridescent), Los Angeles, CA

November 2017 - August 2018
- Worked to develop a year-long curriculum to educate children and their families about artificial intelligence.
- Developed hands-on lessons, along with related content, including videos and presentations, which bring current STEM research in fields including nanoscience, robotics, and environmental science, into the classroom.
- Assisted in facilitating science communication workshops aimed towards STEM professionals, including Google engineers, and AI researchers at AAAI.

Americorps VISTA: Project Coordinator, Maker Education Initiative/ReCreate, Roseville,CA

October 2016 - October 2017

- Piloted Maker Ambassadors, a formal internship/volunteer training program that trained 16 high school students in use of makerspace technologies
- Created curriculum for a 3D design and prototyping camp was lead instructor in that camp
- Leveraged monetary and in-kind resources through grant-writing
- Collaborated with local school district in providing maker education to summer academic bridge students

Theater Camp Instructor, UC Davis Campus Rec. and Unions Youth Programs, Davis, CA

June 2015 - September 2016
- Encouraged children to make creative decisions, take risks, and challenge themselves.
- Instructed 15-20 children per session, between ages 8-15 in voice, movement, and improvisational techniques.
- Developed daily lesson plans and rehearsal schedule which lead to a performance at the end of each 2-week session.

Additional Experience

Maketeer, Seattle Makers, Seattle, WA

March 2019 - Present
- Assisted in training members and volunteers in the use of Makerspace technologies like 2D/3D design, 3D printing, laser etching
- Lead outreach efforts including tours, tabling at South Lake Union Market, and social media

Volunteer Tutor, 826LA, Los Angeles, CA

March 2018 - August 2018
- Helped students in a weekly youth journalism workshop identify stories in their communities, conduct research both online and through interviews, and structure their articles.
- Tutored teens in Echo Park in math, science and essay writing two nights a week during the school year.

Outreach/Writer/Director, Dead Arts Society, Davis, CA   *March 2014 - June 2016*

- Wrote and directed multiple theatrical plays, promoted auditions, workshops, and showcases on social media, help recruit new talent