

# Sophie Bolotin

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## Technical Proficiencies

**Programming Languages:** C# (3 yrs), JavaScript (3 yrs), HTML (3 yrs), CSS (3 yrs), SQL (2 yrs), C/C++ (2 yrs), Python (1 yr), OpenGL (1 yr), MATLAB (1 yr), React (1 yr), Vue.js (1 yr)

**Software Proficiency:** Adobe Photoshop, Unreal Engine 5, Autodesk Maya, Houdini, Unity, Visual Studio, SQL Management Studios, Azure Devops, iMovie, Final Cut Pro, Adobe InDesign, Adobe Illustrator, Figma, MS Office, Fusion 360 (CAD), Arnold Renderer, Karma, Houdini Solaris, Houdini Python API

**Other Interests:** Graphic Design, 3D Modeling, Film Editing, Animation, Web Development, 3D Printing, Laser Cutting, World Travelling, Reading, Positive attitude and smiles a lot, Team Player

## Professional Experience

**US Alliance Group Inc., Software Engineer**, Orange County, CA **Nov 2021 - Present**

- Developing financial system software for both internal and external use with visualizations for reporting and automation of company processes.
- Implementing webapp using .Net Core, Azure Devops and SQL focusing on frontend design, backend development and optimizing SQL queries to integrate with applications.
- Started as a Junior Developer and was promoted within 6 months.

**Sophie Designs, Consultant**, Orange County, CA **Feb 2013 - Present**

- Boosting image and social media platforms by developing and rendering infographics, logos, video montages for use in internal marketing campaigns. Uses various graphics techniques related to lighting, shadowing, etc.

**Bandpad, Lead Frontend Developer**, Tel Aviv, Israel **June 2021 - August 2021**

- Collaborated with the backend developer to create an open-source web application that allows website owners to easily translate their applications into over 100 different languages with a focus mainly on UI/UX and an accessible platform.

**UC Davis German Department, Web Developer**, Davis, CA **April 2021 - June 2021**

- Coordinated and collaborated closely with the Chair of the German Department to improve and manage their website by developing new tools to create a more user-friendly experience.

**RenewSenses, Computer Science Intern**, Remote in Israel **July 2020 - Sept 2020**

- Implemented a vision to sound algorithm using various visual and audio APIs such as Amazon Polly. Assisted in establishing an innovative math curriculum (K-12) for visually impaired students.

**California Center for Cooperative Development, Web Development Intern**, Davis, CA **Jan 2020 - June 2020**

- Enhanced and maintained the website by producing appealing new features, page layouts, and infographics.
- Prepared client outreach materials such as custom HTML emails, in-house newsletters, and invitations.

## Education

**B.S. in Computer Science, University of California Davis, CA** **Sep 2017 - June 2021**

GPA: 3.74/4.0, Dean's List

Relevant Coursework: Calculus, Linear Algebra, Differential Equations, Physics, Combinatorics, Computer Graphics

## Additional Experience

**Women in Animation (WIA)**, Member, 2021 - Present

**Blogger Babes Productions** IT/Graphic Design Intern, Costa Mesa, CA, 2019 - 2020

**G.K. Skaggs Inc.** Accounting and Marketing Assistant, Irvine, CA, 2013 - 2019

**Mathnasium** Math Instructor, San Clemente, CA, 2015 - 2017

**UC Davis Hackathon**, 2021

**UC Davis Neurotech**, 2020 - 2021

**A.I. Image Research at UC Davis**, 2020

**Society for Women Engineers**, 2020

**Sigma Alpha Epsilon Pi Sorority**, 2017 - 2021

**Davis Computer Science Club**, 2017 - 2021