# Arthur Vannakittikun
## Software Engineer

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GitHub: avannak

## ABOUT

I am a passionate artist with many creative outlets. From drawing and animation, to singing, song-writing, and producing, I seek to extend my imagination into software engineering. I am looking to utilize my creative problem solving skills through writing high quality code.

## SKILLS

**Languages:** Javascript, Typescript, Java, HTML/CSS

**Databases:** mySQL **Frameworks, and Tools:** React.js, Express.js, Node.js, Axios, Storybook.js, Jest, React Testing Library

**Other:** Git, GitHub, GitLab, Figma, styled-components, Adobe Photoshop, Adobe Animate, Logic Pro X
Self-Producer, Singer, Song-writer, and Artist

**Soundcloud: https://soundcloud.com/arthurvofficial**
**Youtube: https://www.youtube.com/arthurvmusic**

## WORK EXPERIENCE

**B-Stock Solutions** - Software Engineer Intern

June 2021 - August 2021, June 2022 - August 2022

- Worked as a Software Engineer Intern at B-Stock Solutions during a summer internship, and created the front-end of a phone trade-in application.
- Learned how to use AGILE and SCRUM Software Development tools, including Jira and GitLab to collaborate with team members using ticket systems.
- Quickly squashed front-end bugs to support the team's development during sprint phases.
- Cooperated with Back-end team and worked with REST APIs, which include API documentation tools such as Swagger.io.
- Learned the fundamentals of Git and merge request branch handling for efficient codebase file management and version control.
- Established team bonding and social collaboration skills operating alongside other fellow summer intern team-mates.
- Teamed up with Business Operations, Product Managers, UI/UX Product Designers, and Software Engineers to discuss company statistics and new features.
- Developed unit tests for front-end components using React.js, JavaScript, and Jest/Enzyme test coverage.
- Acquired knowledge of mocking React components using the React Testing Library.
- Constructed front-end components, including newly revamped icon buttons, bell notifications, and navigation bars into the front-end using team's UI/UX Designer's blueprints created from Figma. Tools used to create front-end components include: JavaScript/TypeScript, Styled components, Figma, and Storybook.js.
- Introduced the mocking service library, Mock Service Worker (MSW) to the whole front-end team during a company meeting to improve debugging practices used in the codebase.
- Presented all contributions, advancements and breakthroughs to the entire company at the end of the intern program.

## PROJECTS

**Gatormedia: Multi-Media File Sharing Application**

Dec 2022

- Worked in a team of six as the front-end lead to develop a UX friendly file upload/share application designed for San Francisco State University students and faculty.
- Developed personas/use cases for application, and designed wireframe prototype flows using Figma.
- Learned AGILE and SCRUM software development and decisive planning skills using Xtreme Programming principles.
- Using Trello Board, organized a ticket system for AGILE software development to assist team members to work towards milestones.
- Taught fellow team members Git version control system.
- Cooperated with the back-end team lead to develop the front-end of the application using Amazon EC2 & MySQL, Express.js, React.js, Node.js stack.
- Constructed front-end React.js JSX components using styled-components.
- Integrated REST APIs into the front-end application, added login/register feature.
- Added user support for uploading multiple media format types for the front-end.
- Using Formik and Yup validation, created login and register forms with secure validation.
- Implemented a inbox messaging system into the front-end.

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Project Link: http://ec2-50-18-97-37.us-west-1.compute.amazonaws.com/
```

**B-Stock Phone Trade-in Application**

August 2022

- Worked as a software engineer intern at B-Stock Solutions during a summer internship, and created the front-end of a phone trade-in application.
- Cooperated alongside summer team mates from all departments: including Product, Marketing/Sales, and Engineering team.
- Developed an application which allows you to enter details about your phone and get back an estimated phone grade and price.

**RapidHealth (SF Hacks Award For Best Use Of Notivize API)**

March 2021

- Built and designed the front-end of an award winning application that solves a world-wide health related issue, during SF Hacks 2021: Life Hacks, alongside four other team members during a span of three days.

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Project Link: https://devpost.com/software/sf-hacks-team
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**Music Website**

November 2019

- Constructed a song selection playlist that shows different visual transitions and special effects on-screen determined by the song choice. Made using JS, HTML/CSS, JQuery, and HTML5 audio player, (self-recorded vocals/production done with Logic Pro X).

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Project Link: https://music-player-avannak.vercel.app/
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## EDUCATION

**San Francisco State University** - B.S. Computer Science
Graduated Fall of 2022, (New Graduate)

**Classes Taken:**

- Intro To Computer Programming/Java, Data Structures, Discrete Mathematics, Programming Methodology, Natural Language Technologies, Software Development, Software Engineering