

# Jackson Pine

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## EDUCATION

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### Boston University

*Bachelor of Arts in Computer Science*

Boston, MA

*Aug. 2022 – May 2026*

## EXPERIENCE

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### Software Engineer and Research Assistant

*Boston University Linguistics Department*

Dec. 2024 – Present

*Boston, MA*

- Collaborating with a team to design, develop, and maintain an interactive website and database centered on The Tale of Genji novel
- Applying dynamic web design and responsive UI/UX principles, and developing tools for efficient and user friendly database management.

### Graphic Designer

*Fabrio Magazine*

Sep. 2024 – Present

*Boston, MA*

- Creating promotional material for upcoming community events
- Collaborating with a team of artists to design, illustrate, and produce Fabrio Magazine

### Python and AI Instructor

*San Francisco State University - ID Tech*

June 2024 – Nov. 2024

*San Francisco, CA*

- Became well acquainted with OpenAI's API tools and taught machine learning and data visualization
- Taught Python coding at an intermediate level, including data-structures, and basic libraries

### Concept Artist and Digital Illustrator

*Freelance*

Aug. 2020 – April 2024

*Lafayette, CA*

- Worked with clients to create digital artwork, logos, and concept art
- Prepared various 3D mock-ups for proposed projects for Real Estate development

### Librarian's Assistant

*Lafayette Public Library*

Oct 2019 – March 2020

*Lafayette, CA*

- Organized, categorized, and shelved books, cleaned, as well as other administrative duties

## PROJECTS

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### Tale of Genji Website | *React, JavaScript, HTML, Neo4j, Next.js*

Nov. 2024 – Present

- <https://genji.bu.edu/>
- Developing an interactive website and database centered on the Tale of Genji novel

### Department of Nanorobotic Research Web-Game | *JavaScript, React, HTML, CSS*

June 2023 – Present

- Developing a fully interactive web game with JavaScript
- Implemented an engine-builder system with custom artwork

## TECHNICAL SKILLS

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**Languages:** Python, Java, C#, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Flask

**Developer Tools:** Git, Google Cloud Platform, VS Code, PyCharm, IntelliJ

**Libraries:** Three.js, Neo4j, PyTorch, pandas, Cv2

**Software:** Photoshop, Illustrator, Indesign, Blender, Substance Painter 3D