

## Gavin William Sawyer

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### Education

#### Suffolk University

Bachelor of Science in Business Administration

Boston, MA

May 2023

- Double majored in Global Business and Business Analytics.
- Minored in Cybersecurity.

#### Study Abroad

Coursework in economics, history, and European business policy

Madrid, Spain

Jan 2020 – Mar 2021

- Attended both university and accredited Spanish language school.

#### Saint Joseph Preparatory High School

High school diploma

Boston, MA

Jun 2019

- Was involved in art and robotics, became interested in data science taking AP Statistics.

### Experience

#### Bowstring (bowstr.ing)

Founder

Cambridge, MA

Oct 2023 – Present

- Built a meta-framework of Nx, Angular, and Firebase and an ecosystem of thoughtfully designed libraries for business applications.

#### FirestoreWebAuthn ([extensions.dev/extensions/gavinsawyer/firebase-web-authn](https://extensions.dev/extensions/gavinsawyer/firebase-web-authn))

Software Architect, Engineer, Maintainer

Boston, MA

Mar 2023 – Present

- Built a free and open-source Firebase Extension and TypeScript SDK which allows websites to use biometric authentication in place of passwords while changing only one line of app code.
- Led to paid consultation opportunities for startups in three countries and has been used in hundreds of apps via NPM and the Extensions Hub.

### Skills & Interests

**Technical:** Proficient in full-stack web development particularly software architecture and engineering for monolithic business application suites. Self-taught according to standards set by and used internally at Google since age 13. Closely followed the rollouts of HTML5, CSS3, and Angular; the widespread transition to TypeScript; and the popularization of serverless architecture and BaaS platforms like Firebase and Amplify.

- HTML, SCSS (Sass), TypeScript, Nx, Angular, Node.js, RxJS, Git, GitHub Actions, Google Cloud, Stripe, Twilio, SendGrid, and JetBrains IDEs
- Adobe Illustrator and Photoshop

**Language:** Native English speaker; holds B1 (Intermediate) Spanish certificate from don Quijote, a Cervantes-accredited language school in Madrid.

**Interests:** System dynamics, psychoanalysis, AI alignment, longevity research, kinesthesiology, electronic music, video art, industrial design, sculpture