

# Eric Hicks

www.ehicks.net

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GitHub : github.com/ehicks05

## Experience

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- **Juni Learning** San Francisco, CA | remote  
*Software Engineer* 2020 - current
  - **Impersonation:** Added impersonation support to assist troubleshooting and customer support.
  - **Parent Corner:** Helped keep parents in the loop by creating a page summarizing their student's progress.
  - **Help Center:** Built a help center with realtime search, allowing users to self serve info requests.
  - **Instructor Onboarding:** Automated instructor onboardings, resulting in more teachers with less effort.
  - **Post-Session Notes:** Improved parent visibility by enhancing the review process for post-session notes.
  - **New Subjects:** Led the development of Juni's English and Investing subjects, including curriculum editing and student views.
  - **Bakpak:** Bootstrapped a new product by adding signup and onboarding flows, as well as the Home, User Profile, Quest, and Lesson Tree pages.
  - **Textarea:** Added a movable, editable, SVG-based text area tool to our whiteboards.
- **Independent Study** Greater NYC  
*Software Developer* 2018 - 2020

Designed, implemented, and maintained a range of open-source software projects. Learned new skills as required for these projects such as React, Spring Boot, and Redis. Project details and code can be found on my Github.
- **Forge-Tech / Genesis Education Services** Martinsville, NJ  
*Software Developer* 2012 - 2018
  - **Hot Patches:** Reduced patch delivery time by over 30x by writing a service to hot-deploy patches.
  - **Monitoring:** Created a Java web-based tool that monitors the vitals for over 200 school districts.
  - **Lunch Applications:** Built a free-and-reduced-lunch signup workflow with state approval.
  - **NJIS Integration:** Implemented a sync of health data from the NJ immunization database.
  - **Integration:** Authored over 30 data integrations with external vendors.
  - **Reporting:** Wrote an automated CRDC report, saving NJ educators thousands of hours.
  - **Restyling:** Led CSS restyling effort of web application with over 500 screens.
  - **Redundency:** Eliminated redundant backups between data centers, cutting bandwidth costs.

## Programming Skills

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- **Languages:** JavaScript/TypeScript, GraphQL, Java, Kotlin, SQL, Python
- **JavaScript Stack:** React, Tailwind, Prisma, Node, Express, Apollo, Mongoose
- **Java Stack:** Spring Boot, Maven, Gradle, Thymeleaf, jOOQ, Flyway, Tomcat, POI, iText, PDFBox
- **Data Stack:** PostgreSQL, Mongo, Redis, H2, Oracle, MySQL
- **IDEs and Tools:** VSCode, IntelliJ IDEA, Insomnia, DBeaver
- **Collaboration:** Git/GitHub, Notion, Linear, Figma, Slack, Zoom, JIRA, Confluence, SVN
- **Platforms:** Vercel, Supabase, Netlify, Digital Ocean, AWS, Cloudinary

## Education

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- **Raritan Valley Community College** Somerset, NJ  
*Associate of Science in Information Systems and Technology* 2008 - 2010