THOMAS KAAR
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Software Engineer
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Portfolio: https://Thomkaar.github.io | Github: https://github.com/ThomKaar

Education

California State Polytechnic University, San Luis Obispo   **June 2020**

Bachelor's of Science in Computer Science

Programming Language Proficiencies and Technologies:

Typescript	Javascript	Node.js
Svelte	React	MongoDB
Python	MySQL	Java

Experience

Yahoo! Finance Front End Software Engineer II | Aug 2020 – Present
- Promoted From Software Engineer I after 1.5 years in the role
- Promoted From Associate Software Engineer in Winter 2021
- Collaborated with marketing to develop webpages for Yahoo Finance Subscriptions
- Transitioned finance.yahoo.com from React to Svelte
- Architected and led a full stack project handling CMS for live schedules at finance.yahoo.com/live managing product, design, and content production stakeholders
- Drove 43% YoY subscription growth through data-driven UX iterations and A/B testing.
- Leveraged existing internal technologies to architect a full stack solution for determining content paywall and registration walls
- Created personal finance tool designed with server side rendered React components

Yahoo! Front End Software Engineer Intern | June 2019 - Sep 2019
- Decreased the Above the Fold Time for Yahoo News by eliminating superfluous TLS handshakes, analyzing waterfall diagrams, and merging style sheets
- Built reactive topic pages to dynamically reflect trending searches collaborating with full-time Product Managers, Backend Engineers, SEOs, and QA Engineers

Restvo Full Stack Software Engineer Intern | Apr 2018 - Sep 2018
- Designed MongoDB schemas with Node.js' mongoose package
- Defined RESTful API routes with Express
- Cached data to maximize offline experience
- Implemented Typescript chat functionality using the Socket.io API
- Built front end pages following Wireframe specifications with Angular
- Shipped web code for Android, iOS, and desktop apps using Ionic and Electron

Other Experience and Projects

Nasdaqle – https://nasdaqle.vercel.app | https://github.com/ThomKaar/nasdaqle
- Developed a Wordle-style guessing game for NASDAQ-100 stocks using Svelte, Node.js, and MongoDB
- Automated serverless jobs use web scraping to synchronize data after the stock market closes

CA for Palestine – https://ca-for-palestine.vercel.app | https://github.com/ThomKaar/ca-for-palestine
- Built an advocacy platform using Next.js, React, MongoDB, and OpenAI API
- Utilized Puppeteer to outmate outreach efforts and streamline California Senator contact forms