Mark Auger
Software Engineer

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Job Experience

JKV Capital, LLC
Software Consultant 1/21 ~
- Lead Software Engineer
- TypeScript, AngularJS, Firebase, Electron, GraphQL, Agile, Git
- Built Desktop App for displaying the entire Real Estate market to Acquisition Associates.
- Network Scraped Public APIs.

Trading Technologies International, Inc.
Software Engineer 6/21 ~, 6/20 – 11/20, 6/19 – 8/19
- JavaScript, Backbone, Python, ESLint, Jest, ChartIQ, Jenkins, JIRA, Agile, Git
- Analytics and Web Team
- Setup localization for Chart
- Added linter, webhooks, and GitHub actions to modernize codebase
- Developed a VS Code Extension for high-speed localization development
- Fixed bugs and added features for the Web Team
- Developed end to end testing for localization
- Developed a Debugger widget for clients and developers to solve issues.
- Developed an example widget to guide developers on how to create new widgets

Skills

Languages
TypeScript, JavaScript, Java, Python, Kotlin, C++, C, PHP, C#
Frameworks
AngularJS, React, Electron, Express, Backbone, Ionic, Gatsby
Utilities
Git, Firebase, GraphQL, ChartIQ
Project Management
Agile, Waterfall, Kanban, Jira

Hobbies

- Qualified for the Canada Olympic Trials in Swimming
- #1 200 Butterfly time in the state of Illinois for 18 and under from 2017-2018
- Division I Swimmer
- Own 10 of the fastest times in college history
- Scholastic All American
(Junior Nationals and GPA >= 3.5)

Projects

TSC-Hooks
(2000+ Weekly Downloads, 24 GitHub Stars)
NPM package for adding TypeScript compilation hooks
Image-Classifier
(50+ Weekly Downloads, 7 GitHub Stars)
NPM package for building image classifiers
UPnPjs
(25+ Weekly Downloads, 5 GitHub Stars)
NPM package for manipulating port maps on the router over UPnP
And many more…

Education

Purdue School of Science, IUPUI
Computer Science B.A. *May 2021*
Course Highlights

Graduated under Purdue University's Curriculum for a degree in Computer Science at Indiana University-Purdue University, Indianapolis

- CSCI 532 – Cloud Computing Systems *(graduate class)*
- CSCSI 487 – Artificial Intelligence
- CSCI 450 – Software Engineering
- CSCI 448 – Biometric Computing
- CSCI 363 – Principles of Software Design
- CSCI 362 – Data Structures
- CSCI N341 – Client-Side Web Programming
- CSCI N342 – Server-Side Web Programming
- CSCI N317 – Computation for Scientific App

References

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Nick Smith, Partner, *JKV Capital*
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Blake Harvey, Manager, *Trading Tech.*
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