

KEVIN ALBERTSON

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<https://kevinlbs.com> — <https://github.com/kevinlbs>

ABOUT

I am a software engineer based in the NYC area. I enjoy solving problems.

EXPERIENCE

Lead Software Engineer, MongoDB Inc. NYC Aug 2020 - Present
Senior Software Engineer, MongoDB Inc. NYC Feb 2020 - Aug 2020
Software Engineer 3, MongoDB Inc. NYC Feb 2019 - Feb 2020
Software Engineer 2, MongoDB Inc. NYC Aug 2017 - Feb 2019
Software Engineer Intern, MongoDB Inc. NYC Summer 2015, 2016
Lead development of the C, C++ and Go drivers.

- Wrote the specification for Client-Side Encryption.
- Implement features and fix bugs in the C and Go driver.
- Manage a team of seven engineers.
- Spoke at several MongoDB conferences.

Software Engineer, ALK. Princeton, NJ Jan 2017 - July 2017
Worked in a temporary role adding features to a map application.

- Improved results for single-search in C++.
- Maintained a back-end web API in C#.

Research Assistant, InfoSeeking Lab. New Brunswick, NJ June 2013 - Dec 2016
Led development of tools for research projects in PHP, Python, and Javascript.

- Developed a Python application to collect and analyze social media data.
- Developed a PHP application to extract and analyze HTML documents.
- Mentored undergraduates to continue development.

Peer Leader, Rutgers University. New Brunswick, NJ Semesters of 2013 - 2015
Taught recitation for Introduction to Computer Science in Java.

- Created and reviewed Java programming exercises.
- Gave feedback and graded semester projects.

Software Engineer Intern, Etsy. NYC Summer 2014
Worked on internal tools in PHP.

- Developed API backwards compatibility checking tool to prevent backwards-breaking changes.
- Create an automatic documentation tool.
- Migrated search indexes from Solr to Elasticsearch.

Freelance Web Developer, Self-employed 2010 - 2014
Developed many websites alongside a graphic designer.

- Developed websites from Photoshop mocks.
- Created a user management system in PHP.
- Created a video management system in PHP.

Marketing Intern, New Jersey State Library. Trenton, NJ Summer 2011
Developed a tool to extract data from handwritten law documents in PHP.

- Used regular expressions to extract and clean law data from scanned documents.
- Populated a database with retrieved data to automate data entry.

EDUCATION

M.S. Computer Science. GPA 4.0 Dec 2016
Rutgers University - School of Arts and Sciences, New Brunswick, NJ

B.S. Computer Science and Mathematics. GPA 3.96 May 2016
Rutgers University - School of Arts and Sciences, New Brunswick, NJ

PROGRAMMING LANGUAGES

I often use Python, Go, and C. I have experience in PHP, Java, and JavaScript.