Daniel Spencer
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Work Experience

Software Engineer | Dextro | April 2016 - November 2016
- Built and maintained video search tool to provide an easy integration solution for new clients to the Dextro API, alongside acting as an example of Dextro functionality to new potential clients
- Maintained API worker performance and reliability
- Built new version of the API output, helping new clients integrate with Dextro and structured so the API can be expanded without breaking existing client functionality

Senior Software Engineer | CrisisTextLine | October 2015 - April 2016
- Improved platform reliability by instituting monitoring system, improving code quality and code standards, and implementing automated unit and integration tests
- Built in-app resource lookup feature, giving volunteers ready access to information needed to complete their job
- Built tool to automatically facilitate transfers of texters between volunteers, which improved volunteer UX for fairly common event, and prevented texters from being abandoned
- Managed team of two engineers

Software Engineer | Square | August 2012 - September 2015
- Developed merchant on-boarding for Square's international presence in Canada and Japan
- Expanded integrations with a number of identity verification services
- Built and maintained integration with our Japanese acquiring partner; worked with their QA team to build a system to securely build and deliver reports and handle responses
- Built glossary feature for our open-source localization management tool
- Improved monitoring, alerting, and code quality on critical piece of square infrastructure
- Was responsible for assessing production issues with numerous services, ensuring issues were communicated and resolved in a timely manner
- Contributed to rewrite of printing logic for Android clients, improving reliability, error handling, and testing

Software Engineer | Rapleaf | July 2011 - August 2012
- Developed a hands-off data purchase system
- Engineered and executed a redesign/re-architecture of the logged-in website, integrating with a number of external email service providers
- Expanded prototype of report generation service into full product
- Managed internship program for four summer interns, coordinating engineering mentors and extra-curricular activities

Education

BA Computer Science | Oberlin College | 2008 - 2011