



# Steven Harrigan

SOFTWARE ENGINEER

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## Summary

Programmer and media enthusiast. Loves designing systems, playing games, skiing, cooking, and coding. Interested in learning new technologies and working with people who are passionate about them.

Made a profession out of my hobby after picking up very basic web development at a young age. Looking to take the next major step in my career with a company that understands the value of fast-paced development and importance of keeping an employee engaged.

## Work Experience

### Facebook / Meta via Crystal Equation

New York, N.Y.

SOFTWARE ENGINEER

March 2020 - Present

- Developed and designed solutions for internal tooling and scripts to make other engineers' lives easier.
- Primarily focused on a tool designed to expose security vulnerabilities to engineers and track their progress on remediation.
- Peer code review and unit tests standardized to cover every line of code submitted.
- Worked with multiple web technologies on Facebook's internal and open-source stack.
  - React: The front end of all modern web applications were built in react using a mix of internal and standard libraries.
  - Hack: Most backend code that is used to implement data modeling and business logic is implemented in HackLang.
  - GraphQL: Exposing data to the front-end is entirely done through GraphQL, providing a standard interface for loading or mutating information.

### bFan Sports

New York, N.Y.

SOFTWARE ENGINEER

June 2015 - February 2020

- Designed systems and features with a focus on fan engagement and asset management for sports teams and clubs.
- Did code review and helped manage pull requests to major company repositories.
- Helped grow the platform to where it is today: almost 50 European sports clubs using the product with a combined total of more than 70,000 user accounts.
- Worked with multiple web technologies on an Amazon Web Services stack.
  - AngularJS: The front end of the team administration portal is built with AngularJS, with plans to move to a more modern version of Angular in the future.
  - PHP: The administration portal uses CodeIgniter and PHP for its routing and database interaction. Additionally, many daemons and tasks to help keep services running are built in PHP using Symphony.
  - Python: Our mobile API is run on a serverless stack using Lambda and API Gateway. All the functionality for the Lambda functions is coded using Python to access other AWS assets.

### Knearn

New York, N.Y.

SOFTWARE ENGINEER, CO-FOUNDER, CTO

June 2013 - April 2015

- Designed and implemented websites for educational and professional mentorship.
  - Initially built with a PHP backend on a standard LAMP stack.
  - Later converted to Meteor.js to make the experience much more interactive and responsive.
- Led and managed a small team of developers aiming to develop features using an agile methodology.
- Worked with business team to come up with solutions and marketing for the project.

### McKinsey & Company

New York, N.Y.

IT INTERN

January 2014 - May 2014

- Performed software performance and usage testing to determine fit for use in the company.
- Used experience with SharePoint to give insight to corporate social networking software and file sharing systems.
- Branded software distributions within the company using CSS.

### AvePoint

Jersey City, N.J.

TECHNICAL ANALYST INTERN

January 2012 - May 2012

- Provided remote assistance troubleshooting company software via phone, email, or remote connection.
- Debugged environments using Microsoft SharePoint, Microsoft SQL Server, Microsoft Server, and other similar products.
- Made simple tools to automate office procedures using raw JavaScript.

## McKinsey & Company

IT INTERN

New York, N.Y.

June 2011 – August 2011

- Prepared servers and environments used company wide with UNIX based web software (LAMP, Rails, etc).
- Worked with vendors to get their software running on these servers and customized/configured for use.
- Used software supplied APIs to do migrations of files between versions of user systems.

## Education

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### Stevens Institute of Technology

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Hoboken, N.J.

September 2010 - May 2015

- Participated in the 5 year cooperative education program.
- Involved in managing multiple on-campus organizations.

## Program Committees

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Ongoing **Board of Directors**, Castle Point Anime Convention

Secaucus, NJ

2016 **Web Master**, Castle Point Anime Convention

Hoboken, NJ

2015 **Vice Chair**, Castle Point Anime Convention

Hoboken, NJ