

# Victor Quinn

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## Experience

### **Knotel**

*Head of Engineering*

**New York, NY**

*July 2018 – Present*

- Knotel provides flexible office space for growing companies. In my capacity as Head of Engineering, I am leading and growing the engineering team, figuring out a hiring and growth plan which aligns with the company's explosive growth and allows the team to expand gracefully. I am making strategic technical decisions and helping to define the data model and systems architecture for modeling the commercial real estate industry and finding where we can build software to increase our operational efficiency.
- Knotel has raised \$95M in two rounds and its rapidly growing commercial real estate business has been grown mostly on outsourced technology. Continuing to manage the relationships with these partner companies while also growing the in-house team significantly to tackle projects in this space.
- I am also helping to identify emerging technology which can help us define the future of work and working to define and shepherd research and development projects to test the waters with that tech.
- At the same time I am making sure Knotel's engineering culture is set up so we can attract top talent while being diverse and inclusive and spending a decent chunk of my time sourcing candidates, interviewing, and coming up with a hiring strategy and engineering career ladder.
- Acting as a technical advisor on Baya, the Blockchain company which started as part of Knotel and was spun out as its own project to put commercial real estate listings and transactions on the Blockchain.
- I want every person who joins our team to love coming to work every day and work hard to ensure that's the case.

### **Columbia**

*Instructor*

**New York, NY**

*June 2018 – Present*

- Teaching a full stack coding bootcamp for Columbia Engineering, mostly teaching working professionals looking for a career change.
- This course takes place part-time on nights and weekends and is an intensive 24-week course.
- Students start with no knowledge of coding and finish as full stack developers having learned and worked with HTML/CSS/JS, Node.js, React, MySQL, MongoDB, and computer science algorithmic concepts. The intent is that they can go from zero to fully capable and employable in just 24 weeks.
- I find it incredibly rewarding to take students on this grueling and fast-paced journey and to see their remarkable growth through the relatively short duration of the course.

### **Spring**

*Director of Engineering*

**New York, NY**

*December 2016 – June 2018*

- Leading engineering teams and a team of data scientists to power the backend for Spring, an NYC-based e-commerce startup helping fashion brands make the transition from brick and mortar to mobile and web.
- Focus on growing and scaling the engineering team including recruiting, team retention, revamping our hiring and interviewing training and process, mentoring within the organization, working to ensure our hiring process was as unbiased as possible and attracted diverse candidates to an inclusive environment.
- Coached and mentored multiple engineers with no management experience into tech leads to help grow and scale the organization and build out a management structure.
- Helping to lead and architect scalable solutions to our unified product catalog and development of our in-house ML-based fashion recommendation engine.
- Identifying and undertaking strategic initiatives as needed including refining our engineering and product development process, helping to improve our deployment and testing infrastructure, working through what data science means at Spring and how data science projects are created, specified, and staffed.

### **Rutgers**

*Instructor*

**Jersey City, NJ**

*August 2017 – February 2018*

- Taught a full stack coding bootcamp to students, mostly working professionals looking for a career change.

**SocialRadar***VP of Engineering***Washington, D.C.***September 2013 – December 2016*

- Leading the engineering team at SocialRadar, a startup specializing in location technologies.
- Architecting systems and ensuring applications are built to scale.
- Managing engineers by building out the team, working to keep morale and retention up, maintaining a positive engineering culture, providing technical guidance, acting as a mentor and advocate, and leading by example. Reporting directly to the CEO managing tech leads.
- Rolling up my sleeves and jumping in with the team, committing code to anything that needed attention.
- Led team through three pivots: from a cross platform mobile app, to a mobile SDK for iOS and Android, and the last infrastructure for gathering then serving mapping data. Earned a lot of battle scars through this process.

**NGP VAN***Senior Software Engineer***Washington, D.C.***2012 – September 2013*

- Led an engineering team to revamp the process by which the company took and processed contributions for political campaigns.
- Spearheaded a rewrite of the core API for taking monetary contributions and the dynamic client-side form generation.
- This resulted in forms that were more extensible, better looking, and auto-filling which led to significantly increased conversion rates.

**Amherst College***Web Programmer***Amherst, MA***2008 – 2012*

- Collaborated with a team to create custom tools to empower faculty and staff to create rich education content.
- Primarily focused on the full stack of media uploads, from UI to storage, my work resulted in making it easier for educators to create content, students to upload files, and educators to review them.

**University of Massachusetts Amherst***Senior Developer***Amherst, MA***2005 – 2008*

- Specialized in software design and programming for internal processes including web development, custom Windows application development, and other various scripting.
- Each project I developed helped automate some processes and liberate others from antiquated systems such as moving from an emailed MS Access file to a true database application.

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**Education****Western New England University***School of Law, Juris Doctor Degree***Springfield, MA***2007 – 2011*

- Attended part-time at night while working full-time as a computer programmer during the day.
- As President of the Intellectual Property Law Association, organized multiple IP Law awareness events.
- Course concentration in Intellectual Property Law including an Independent Study in Patent Litigation.
- Awarded two CALI Excellence for the Future Awards for the Highest Achievement in Analytical Methods for Lawyers and Trademark Law.

**University of Massachusetts Amherst***College of Natural Sciences and Mathematics, B.S. Physics and B.S. Computer Science***Amherst, MA***2001 – 2006*

- Completed Double Bachelor of Science Degree Program.
- Served as a New Students Program counselor, helping ease student transition to the University and as a leader for the wilderness orientation program.
- Member of the Computer Science Talent Advancement Program and a Computer Science program Mentor.

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**Open Source Projects**

**Chance:** Created this library to help generate random things in JavaScript. Useful for the browser or Node.js for automated tests, stub data, etc. Now it's an organization with dozens of contributors and over 3000 stars on GitHub. <http://chancejs.com>

**Backbone.CrossDomain:** Created this plugin which is an AMD compatible drop-in replacement for Backbone's core sync function which extends it to allow CORS requests in IE7/8/9 which Backbone does not support out of the box for cross domain requests. <https://github.com/victorquinn/Backbone.CrossDomain>

**Dynasty:** Promise-based DynamoDB library for Node.js. Featuring very clean API. <http://dynastyjs.com>

**Batch Request:** Written to fill a need we had at SocialRadar to maximize data sent per packet to optimize our API for mobile usage, this Node.js library allows a single REST request to act as multiple in order to perform a batch without having to sacrifice RESTful principles. <http://batch-request.socialradar.com>

**Memcache Plus:** Better Memcache library for Node.js. When I did not find any of the existing Memcache libraries for Node to be good enough for my liking, I wrote my own. Features other memcache libraries do not have: request buffering, native promise support, elasticache autodiscovery included, and more. <http://memcache-plus.com>

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## Miscellaneous

**Author of Getting started with tmux:** I wrote a book on using tmux, a terminal application to help developers maximize their terminal productivity. Published by Packt Publishing. <http://vq.io/1x4Q5IC>

**U.S. Patent and Trademark Office:** Registered Patent Agent – Registration Number: 69321

**Other:** Avid traveler and outdoorsman. Hobbies include tinkering with emerging web technologies, video editing, homebrew and craft beer, blockchain technologies and cryptocurrencies. Achieved the rank of Eagle Scout on January, 2000. Proud father of one amazing daughter (for now).

**Regular reader of:** HackerNews, Rands in Repose, First Round Capital, Medium.

**About Me:** I am a tech leader who types with the Dvorak keyboard layout on a Kinesis Advantage keyboard while using Emacs as my primary tool to write code, when I am able. I am passionate about a great many things in the world of computing, but a few of my favorites are fostering collaborative and inclusive work environments, systems architecture, teaching, the blockchain, and helping engineers grow their careers.

*Last Updated July 1, 2018*