

# Nicholas Pozoulakis

+1 443 286 6579 • [nicholaspoz@gmail.com](mailto:nicholaspoz@gmail.com) • Seattle, WA

## EXPERIENCE

---

Rover.com Seattle, WA  
*Software Engineer II, Payments and Finance* Dec 2017–Present

- Enabled Rover's international expansion and acquisition of Spanish competitor DogBuddy
  - Facilitated millions of dollars in transactions per day in multiple currencies using international payment methods
  - Ensured Rover's technical and accounting compliance with PCI, "Know Your Customer" (KYC), Strong Customer Authentication (SCA), and GAAP
  - Automated the generation of remittance reports for European "value-added" taxes
- Integrated with third party electronic payments providers: Stripe, Braintree, and Paypal
  - Architected the migration from a single provider to supporting three providers side-by-side
- Built the web interface for on-demand services using React/Redux, Django REST Framework, and MySQL

Live Music Project Seattle, WA  
*Lead Full Stack Developer* March 2016–Nov 2017

- Designed and implemented front- and back-end software architecture to support a nationwide platform for the promotion and discovery of live classical and contemporary music
  - Single page applications with React/Redux, Bootstrap, Django, and PostgreSQL
  - Enabled data exploration with Elasticsearch and SEO on tens of thousands of entities
- Managed a team of four software developers and interns via Agile methodologies
- Collaborated with Product Manager and UX Designer to write, review, and scope technical specifications

Amazon.com Seattle, WA  
*Software Development Engineer, Amazon Video* Aug 2014–Feb 2016

- Built and maintained high-availability, low-latency Java web services on the Amazon Video backend
  - Managed the performance and operations of services supporting 10,000 requests per second
  - Served resources for video streaming to over 200 types of devices via RESTful APIs
  - Worked directly with front- and back-end engineers to design and deliver new features across the full stack such as Ultra HD and live-streaming
  - Improved the security of services by documenting threat models and data flow diagrams
- Led an organization-wide initiative to establish deployment best practices and reduce rollbacks

Amazon.com Seattle, WA  
*Software Development Engineering Intern, Amazon Video* May 2013–Aug 2013

- Designed and implemented a data warehousing service to access terabytes of metrics in DynamoDB
- Exposed video streaming quality metrics to provide real-time feedback on the customer experience
- Integrated the service into existing applications used by engineering and customer service teams

## EDUCATION

---

University of Maryland, College Park May 2014

- Bachelor of Science in Computer Science, *Cum Laude*
- Bachelor of Science in Electrical Engineering, *Magna Cum Laude*
- Banneker/Key Scholar: full, four-year scholarship awarded to top 1% of applicants based on merit

## SKILLS

---

- Languages: Python (Django) • JavaScript (React/Redux) • Java • SQL • Bash/Unix • MATLAB
- Datastores: PostgreSQL • MySQL • S3 • Redshift • DynamoDB • Elasticsearch
- Software: Amazon Web Services • Buildkite • Heroku • Buildkite • GitHub • CircleCI • JIRA • Arduino
- Other: Classically trained cellist, violinist, and pianist