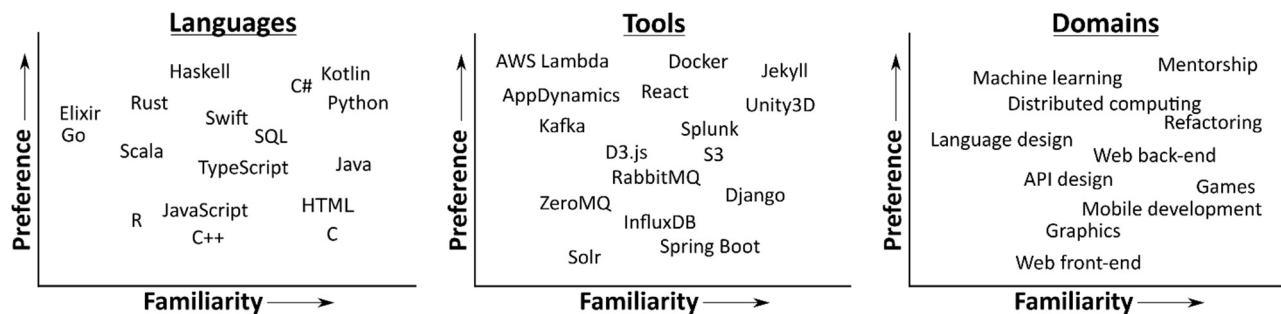


# Christopher Cooper

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## TECHNICAL SKILLS



- Extensive experience mentoring programmers from first code to advanced concepts
- Passionate and experienced in designing large-scale systems and refactoring codebases in many domains
- Well-practiced knowledge of functional, object-oriented, and multi-threaded programming

## RELEVANT EXPERIENCE

- Shatter EVERYTHING** – Founder *Oct 2017 – Present*
- Launched virtual reality game developed in Unity, and available on Steam (Oculus Rift and HTC Vive)
  - Individually managed all aspects, from new genre concepts to marketing and final application
  - Created custom analytics infrastructure to analyze usage and improve gameplay difficulty
- Loblaw Digital** – Software and Scalability Technical Lead *Oct 2015 – Aug 2017*
- Led design and implementation team for Click & Collect's first microservice, reducing monolith
  - Mentored junior developers on platform and tools, with one eventually leading a product team
  - Solved multiple critical scaling crises through distribution and re-architecting of backend services
- Ontario Institute for Cancer Research** – Bioinformatics Engineer *Jun 2013 – Apr 2015*
- Educated biologists, statisticians, and other researchers on programming skills
  - Significantly refactored and expanded lab systems for computing cluster use, software distribution
- Microsoft Corporation (Xbox Live)** – Test Tools Engineer Intern *May 2012 – Aug 2012*
- Designed and implemented interactive code-coverage reporting, preventing manual analysis
- Qcumber, Queen's University Open Course Catalog** – Founder *Sep 2012 – Apr 2017*
- Gained 1.5 million pageviews from 28,000 students, grew community to 6 code contributors
- Xtreme Labs Inc.** – Agile Engineer Intern *May 2010 – Sep 2010, May 2011 – Sep 2011*
- Received highest evaluation - "Outstanding", one of two interns out of 35 to do so

## EDUCATION

**Queen's University** – Bachelor of Computing, Honors (Computer Science) *Sep 2009 – May 2014*

## AWARDS, ACHIEVEMENTS, & INTERESTS

- Valedictorian – Lisgar Collegiate Institute *Jun 2009*
- Workshop Leader and Mentor – Canada Learning Code, Women Who Code *Dec 2014 – Present*
- Competitive Soccer Player – Ontario Soccer League *May 2014 – Nov 2016*
- Mandarin Chinese – Self-study (汉语水平考试 level 2.5 approx.) *Jun 2014 – Present*