

# Cameron Tenny

Oakland, CA

<http://cjt.codes/>

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Senior technical lead with expertise in program analysis, developer tools, and build systems.

## Experience

- **Return to Corporation** - “Key Grip” 1/2018 - present
  - Led program analysis team, projects, and tooling for research partners
  - Led collaborations with researchers at leading universities. Publications and talks pending.
- **cjt codes, LLC** - Freelance Software Engineer 7/2017 - 1/2018
- **Facebook** - Software Engineer 2/2015 - 5/2017
  - **Build Infrastructure** - Distributed compilers and build systems for JavaScript. Significant oncall responsibility. Major improvements in compile time for all developers and memory savings across production servers.
  - **Instagram Site Efficiency** - Automatic performance regression detection and analysis tool. Custom thrift compiler for Python 3 with significant memory and CPU improvements across all Facebook python services.
- **Microsoft** - Intern - Midori Project 2013
  - Code pattern recognition for vectorization and superword level parallelism.
- **MIT CSAIL** - 6.035 & 6.828 Teaching Assistant 2012, 2013
- **MIT CSAIL** - Parallel and Distributed OS Group - Undergraduate Researcher 2012
- **VMWare** - Intern - Site Recovery Manager 2011
- **Heartland Robotics** - Intern 2011
- **Microsoft Corporation** - Intern - App-V 2010
- **MIT Hover Research Group** - UROP 2009
- **MIT Edgerton Center** - Engineering Design and Robotics TA 2008

## Education

- **Massachusetts Institute of Technology** - Computer Science (M.Eng.\*) \*left, 2014
  - Research in compilers, security, and programming language design.
  - Graduate TA for (graduate) operating systems and (undergraduate) compilers.
- **Massachusetts Institute of Technology** - Computer Science (B.S.) - **4.6/5.0** 2013

## Publications & Talks

- **Beyond the Paper: End-to-End Program Analysis** Curry On '19  
Cam Tenny
- **Small World with High Risks:** USENIX Security '19  
**A Study of Security Threats in the npm Ecosystem**  
Markus Zimmermann, Cristian-Alexandru Staicu, Cam Tenny, Michael Pradel

## Other Projects

- **Taint Tracking through Negative Control Flow** - 6.945 final project 2014
- **Exokernel OS Disk Paging From Userspace** - 6.828 final project 2010
- **MIT Cap Kart Project** 2008
  - Paper awarded “Best Student Paper on Ecological Vehicles” at EVER Monaco 2009.
- **MIT DIY Segway** 2007