

# Cameron Tenny

Oakland, CA

<https://cjt.codes/>

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Software engineer focused on programming language design, implementation, and optimization.

## Publications & Talks

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

## Experience

- **Return to Corporation** - Key Grip *1/2018 - 12/2019*
  - **Program Analysis** - Led team building tooling for research partners. Engineering leadership in designing, scaling, and implementing program analysis and infrastructure for rapid analysis of 5TB of source.
  - **Research Partnerships** - Spearheaded company collaborations with researchers at 15+ leading universities. Designed assignments and gave guest lectures for graduate classes based on company tools. Advised research projects and assisted with use of tooling.
- **cjt codes, LLC** - Software Engineer *7/2017 - Present*
  - **Freelance consultant**. Interviewed candidates for Triplebyte. Maintained client build systems. Advised clients on taint tracking implementation.
- **Facebook** - Software Engineer *2/2015 - 6/2017*
  - **Build Infrastructure** - Maintained distributed compilers and build systems for JavaScript. Significant cross-functional oncall responsibilities. Made major improvements in compile time for all web developers and memory savings across production server fleet.
  - **Instagram Site Efficiency** - Built automatic live performance measurement and analysis tool, presented at all hands. Developed custom thrift compiler for Python 3 with significant memory and CPU improvements for all Facebook python services.
- **Microsoft** - Intern - Midori Project *2013*
  - Designed and implemented code pattern recognition for SLP and loop rolling.
- **MIT CSAIL** - 6.035 (Compilers) & 6.828 (Grad. OS) Lead TA *2012 - 2013*
- **MIT, VMWare, Heartland Robotics, Microsoft, MIT, MIT** - Internships *2008 - 2012*

## Education

- **Massachusetts Institute of Technology** - Computer Science (M.Eng.\*) *\*incomplete, 2014*
- **Massachusetts Institute of Technology** - Computer Science (B.S.) - **4.6/5.0** *2013*

## Miscellaneous

- [MIT Cap Kart Project](#) *2008*
  - Paper awarded “Best Student Paper on Ecological Vehicles” at EVER Monaco 2009.
- [MIT DIY Segway](#) *2007*