

# Jeremy Lacomis

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## Education

- 2015–Present **Computer Science**, *University of Virginia*, Charlottesville, VA.
- Research Assistant.
  - Completed a graduate-level programming languages seminar requiring reading and presenting several journal and conference publications per week.
- 2012–2015 **A.S. Computer Science**, *Piedmont Virginia Community College*, Charlottesville, Virginia, *Summa Cum Laude*.
- 4.0 GPA
- 2005–2006 **Electrical Engineering**, *Rochester Institute of Technology*, Rochester, NY.
- Robotics Club

## Experience

- 2016 **Research Assistant**, *University of Virginia*, Charlottesville, VA.  
Gained experience with the entire research process including developing new research ideas and hypotheses, experimental design, data analysis and interpretation, and writing scientific papers.  
Detailed achievements:
- Developed an automated technique for finding power optimizations in software using search-based software engineering.
  - Designed algorithmic modifications that allow the technique to scale to datacenter-scale applications.
  - Designed and constructed cost-effective low-noise hardware for rapidly sampling power usage in servers.
  - Paper submitted to Transactions on Software Engineering.
- 2011–2015 **Manager**, *Brixx Wood-Fired Pizza*, Charlottesville, VA.
- 2006–2009 **Field Service Engineer**, *Expert Imaging*, Charlottesville, VA.  
Maintained and repaired medical scanners including CT, MRI, X-Ray, and ultrasound.
- Managed parts sales, acquisition, and inventory.
  - Specialized experience with Siemens MRI scanners and MRI subsystems including superconducting magnets, radio frequency signal generation and amplification, cryogenics, computer systems, and HVAC.
  - Experienced with client interaction including communicating domain-specific technical concepts to non-experts through conversation and written service reports.

## — Languages

Experienced bash, C++, OCaml, Python

Proficient C, Java

Familiar Haskell, HTML, Javascript, Lisp, Objective-C, Scheme, Ruby, x86 Assembly

## — Skills

- Experience with emacs, Eclipse, git, make, gdb,  $\LaTeX$