

Miguel Velez

Ph.D. Student in Software Engineering

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"Premature optimization is the root of all evil" -Donald Knuth

Education

- 2016 - Present **Ph.D. Software Engineering**, *Carnegie Mellon University*, Pittsburgh, PA, USA.
Advisor: Christian Kästner.
- 2010 - 2015 **B.A. Computer Science (Physics minor)**, *University of St Thomas*, St. Paul, MN, USA.
Advisor: Patrick Jarvis. Summa Cum Laude. Cumulative GPA: 3.99/4.00.

Research Experience

- 2016 - Present **Graduate Research Assistant**, *Carnegie Mellon University*, Pittsburgh, PA, USA.
- 2015 **Research Intern**, *Massachusetts Institute of Technology*, Cambridge, MA, USA.
- 2014 - 2015 **Undergraduate Student Researcher**, *University of St. Thomas*, St. Paul, MN, USA.

Industry Experience

- 2015 - 2016 **Application Developer/Software Engineer**, *Sportradar US*, Minneapolis, MN, USA.
- 2015 **Jr. Application Developer**, *SportsData/Sportradar US*, Minneapolis, MN, USA.
- 2013 - 2015 **Cloud Developer Intern**, *Valtira*, Minneapolis, MN, USA.

Awards and Honors

- 2015 **MSRP Research Internship at MIT**. Acceptance rate: 10.5%
- 2015 **CCSC:MW 1st place Student Posters & Showcase Discovery Track**. \$100
- 2015 **UST Student Travel Grant**. \$750
- 2014, 2015 **UST Collaborative Inquiry Grant**. \$2,000
- 2012 **UST International Student Leadership Scholarship**. \$500
- 2011 - 2015 **Bev and Pat Flaherty Scholarship**. \$14,000
- 2010 - 2015 **University of St. Thomas International Scholarship**. \$80,000
- 2010 - 2015 **University of St. Thomas Tuition Scholarship**. 40% discount
- 2008 - 2009 **American Field Service International Scholarship**.

Other Interests and Activities

- 2014 - 2015 UST Game Design Club
- 2012 - 2015 UST Computer Science Consultant
- 2011 - 2015 UST Computer Science Club
- 2010 - 2015 UST Globally Minded Student Association