

Alan Lundgard

CONTACT INFORMATION

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www.alundgard.com

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA Sept 2018–*present*
Ph.D. Electrical Engineering & Computer Science

University of Michigan, Ann Arbor, MI Jan 2013–May 2017
B.S. Computer Science, Mathematics, Philosophy
Triple Major, Graduated with High Distinction
Degree Specialization: Artificial Intelligence, Discrete & Algorithmic Methods

Cooper Union for the Advancement of Science & Art, New York, NY 2007–2009
Certificate of Fine Arts
Full Tuition Four-Year Scholarship

EXPERIENCE

Massachusetts Institute of Technology, CSAIL, Cambridge, MA Summer 2018–*present*
Graduate Research Assistant, Visualization Group
Advisor: Arvind Satyanarayan

University of Michigan, Ann Arbor, MI May 2017– May 2018
Research Assistant, Crowds & Machines Lab
Advisor: Walter Lasecki, Steve Oney

Carnegie Mellon University, Pittsburgh, PA Summer 2016
Visiting Student, Summer School in Logic & Formal Epistemology
One of twenty-five granted full tuition scholarship

University of Michigan, Ann Arbor, MI Summer 2016
Research Intern, Vision & Learning Lab
Advisor: Jia Deng

PUBLICATIONS

Arboretum and Arbility: Improving Web Accessibility Through a Shared Browsing Architecture
Steve Oney, Alan Lundgard, Rebecca Krosnick, Michael Nebeling, Walter S. Lasecki
ACM Symposium on User Interface Software and Technology (UIST 2018)

Bolt: Instantaneous Crowdsourcing via Just-in-Time Training
Alan Lundgard, Yiwei Yang, Maya Foster, Walter S. Lasecki
Conference on Human Factors in Computing Systems (CHI 2018)

Two Tools are Better Than One: Tool Diversity as a Means of Improving Aggregate Crowd Performance
Jean Y. Song, Raymond Fok, Alan Lundgard, Fan Yang, Walter Lasecki
ACM International Conference on Intelligent User Interfaces (IUI 2018)

EMPLOYMENT	University of Michigan , Ann Arbor, MI	Sept 2017–May 2018
	<i>Software Engineer, Computer Science & Engineering Department</i>	
	Web developer for conversational computing system Advisor: Walter Lasecki, Jarir Chaar	
	University of Michigan , Ann Arbor, MI	Fall 2015
	<i>Math Tutor, Math Lab</i>	
	Weekly tutoring services for undergrad engineers in linear algebra Advisor: Gavin LaRose	
	New York Times Company , New York, NY	2009–2011
	<i>Assistant / Team Lead, News & Graphics Departments</i>	
	Led a small team in submitting for annual publication and infographics awards Director: Arem Duplessis, Steve Duenes, Kelly Doe	
RECOGNITION AND AWARDS	Edwin S. Webster Fellowship, MIT EECS, Cambridge, MA	Sept 2018–May 2019
	First year graduate fellowship	
	University Honors, The University of Michigan, Ann Arbor, MI	2013–2017
	Academic achievement award based on GPA and course load	
	Administrative Co-Chair, The Cooper Union, New York, NY	2011–2012
	Student council representative elected twice by peers	
	Full Tuition Scholarship, The Cooper Union, New York, NY	2007–2012
	One of two hundred granted full tuition, four-year scholarship	

RELEVANT COURSEWORK

Massachusetts Institute of Technology

Subject (Course #) Professor/Lecturer

Advances in Computer Vision (6.869) Freeman, Torralba, Isola

The Cooper Union

Subject (Course #) Professor/Instructor

After Effects (TE 304) Mores McWreath

HTML & Programming (TE 305) Erin Sparling

Painting (FA 130) Robert Bordo

Photography (FA 206) Christine Osinski

Graphic Design (FA 210) Beverly Joel

Typography (FA 213) Alexander Tochilovsky

Advanced Video (FA 380) Walid Raad

Digital Sound Design (FA 381) Jacob Burckhardt

Interdisciplinary Seminar (SE403) Doug Ashford

The University of Michigan, Ann Arbor

Subject (Course #) Professor/Lecturer

Data Structures & Algorithms (EECS 281) Marcus Darden

Foundations of Computer Science (EECS 376) Kevin Compton

Computer Vision (EECS 442) Jia Deng

Machine Learning (EECS 445) Honglak Lee

Web Databases & Systems (EECS 485) Michael Cafarella

Artificial Intelligence (EECS 492) Emily Mower Provost

Social Computing Systems (EECS 498) Walter Lasecki

Advanced Directed Research (EECS 499) Walter Lasecki

Linear Algebra (Math 217) Gavin LaRose

Differential Equations (Math 316) Peter Miller

Abstract Algebra (Math 412) Mustata Mircea

Probability Theory (Math 425) Dusty Grundmeier

Advanced Calculus (Math 451) Sohrab Shahshahani

Numerical Analysis (Math 471) Ronan Peretz

Mathematical Logic (Math 481) David Fernández-Bretón

Linear Programming (Math 561) Jon Lee

Probability & Statistics (Stats 412) Jack Miller

Symbolic Logic (Phil 303) Lawrence Sklar

Ethics (Phil 361) Peter Railton [Audit]

Phenomenology (Phil 371) Tarek Dika

Epistemology (Phil 383) Brian Weatherson

Philosophy of Science (Phil 420) Lawrence Sklar

Ethical Analysis (Phil 429) Peter Railton

Political & Social Philosophy (Phil 442) Peter Railton

Rational Choice Theory (Phil 443) James Joyce