

EDUCATION

- 2015 **Stanford University**
Master of Science in Engineering
Computer Science, Mobile and Internet Computing Focus
- 2014 **Stanford University**
Bachelor of Science in Engineering
Computer Science, Human Computer Interaction Focus

PUBLICATIONS

- 2017 **Submodular Trajectory Optimization for Aerial 3D Scanning**
Mike Roberts, Debadeepta Dey, **Anh Truong**, Sudipta Sinha, Shital Shah, Ashish Kapoor, Pat Hanrahan, Neel Joshi
International Conference on Computer Vision (ICCV)
- 2017 **Computational Video Editing for Dialogue-Driven Scenes**
Mackenzie Leake, Abe Davis, **Anh Truong**, Maneesh Agrawala
ACM Transactions on Graphics 36 (SIGGRAPH 2017)
- 2016 **QuickCut: An Interactive Tool for Editing Narrated Video**
Anh Truong, Floraine Berthouzoz, Wilmot Li, Maneesh Agrawala
29th ACM User Interface Software and Technology Symposium (UIST 2016)
- 2015 **An Interactive Tool for Designing Quadrotor Camera Shots**
Niels Joubert*, Mike Roberts*, **Anh Truong**, Floraine Berthouzoz, Pat Hanrahan
ACM Transactions on Graphics 24 (SIGGRAPH Asia 2015)
Featured in the SIGGRAPH Asia 2015 Technical Papers Trailer

AWARDS

- 2014 **Class of 2014 Stanford Award of Excellence**
Stanford Alumni Association (10% of graduating class)

2013 **Riddell Fund Grant**
Stanford Residential Education

WORK EXPERIENCE

2016 – present **Adobe Systems**
Research Apprentice, Creative Intelligence Lab

- Leading and contributing to various research projects for publication at top tier conferences such as SIGGRAPH and UIST.
- Contributing service to lab initiatives such as women's lunches, retreats, the scholarship and fellowship and more.
- Served as the primary or secondary mentor for multiple research interns in summer 2017.

Sept 2014 – Jan 2016 **Stanford Computer Graphics Laboratory**
Research Assistant

- Designed and built the front end for the quadrotor camera shot planning tool (see Joubert 2015 above).
- Led the Quickcut project on editing narrated video using time aligned transcripts.

Summer 2015 **Splunk Inc.**
Frontend Engineering Intern

- Built and shipped multiple interfaces and features for the Distributed Management Console used to monitor distributed, multi-instance deployments of Splunk.
- Contributed to refactoring parts of the code base.

Feb 2015 - June 2015 **Adobe Systems**
Creative Technology Lab Intern

- Extended the drone shot preplanning tool (see Joubert 2015 above) to enable users to dynamically modify preplanned flight paths in real time as the drone is in the air.

Feb 2014 – Sept 2014 **WhosHere Inc.**
Software Engineering Intern

- Built various features for a chat application on both iOS and Android using a cross platform software called Xamarin.
- Refactored client code base for testability and built client side unit and integration test suite.
- Debugged major application web socket connectivity issues on the backend.

Summer 2013 **Stanford University**
CURIS Intern

- Built an app to enable users to create interactive narratives by tying in location and temporal data with traditional photos and text content.
- Designed and implemented an interactive math whiteboard widget for a digital textbook platform based on principles in education research.

Mar 2013 – Aug 2013 **Stanford MobiSocial Labs**
Research Assistant

- Organized the Imagine Mobile Video Competition to encourage interest in computer science amongst middle and high school.

Summer 2012 **Appirits Inc.**
Software Engineering Intern

- Implemented a guild chat server for a multiplayer online role-playing game.

SERVICE AND LEADERSHIP

2016, 2017 **Berthouzoz Women in Research Lunch at SIGGRAPH**
Co-organizer

- Handled logistics, fundraising and outreach for a lunchtime speaker event for 70-100 women in computer graphics research at SIGGRAPH.

Fall 2016 **Adobe Stanford Futures Retreat**
Adobe Organizer

Sum 2016 **Girls Who Code**
Mentor

Spring 2016 **Stanford d.school Novice Hackathon**
Technical Mentor

Spring 2016 **ACM User Interface Software and Technology Symposium**
Technical Papers Reviewer

Fall 2015 **Castilleja School Girls Hackathon**
Design & Technical Mentor

2011 – 2014 **Stanford Listen to the Silence, Asian American Issues Conference**
Co-chair (2014); Workshops Co-chair (2011-2013)

- As co-chair, Led a team of 40 students in organizing a large-scale, \$20,000 conference for community education on Asian American issues with over 600 attendees from all over the USA.

2010 – 2013 **Stanford Vietnamese Student Association, Northern California United Vietnamese Student Association**

Intercollegiate Council Representative (2012, 2013); Freshman Intern (2010)

2010 – 2013 **Stanford Asian American Activist Committee**
Webmaster (2011-2013); General Core (2010-2013)

INVITED TALKS

2017 **Computational Tools for Video Editing**
TWIT.tv, Nov 2017
Unity SF, Sept 2017

2016 **Stanford-Berkeley Women in CS/EE Research Meetup**
Industry Panelist

PRESS COVERAGE

2017 **Adobe and Stanford just taught AI to edit videos – with impressive results,**
Digital Trends

AI film editor can cut scenes in seconds to suit your style, *Engadget*

Tedious Film Editing Could Soon Become a Thing of the Past, *TrendinTech*

Editing time slashed with the help of artificial intelligence, *The Video Mode*

2015 **New App Lets Drone Pilots Customize Flight Path and Camera Movement Before Takeoff,** *Digital Trends*

Interactive Drone App Lets You Capture Aerial Shots Like a Pro, *Engadget*

Researchers Create Software for Designing Pro Drone Shots in a Virtual World,
Petapixel

SKILLS

Programming Languages

JavaScript, Python, HTML/CSS, · (Substantial use in the last 2 years)

C++, C, MATLAB, Java, PHP, R · (Moderate use in the last 2 years)

Ruby · (Familiarity)

Frameworks

NodeJS, Flask, Rails

Databases

MongoDB, MySQL

Tools

LaTeX, Heroku, Amazon Mechanical Turk (*Requestor*), Docker, HTCondor, Premiere Pro, Adobe Illustrator

Foreign Language

Vietnamese (*Conversational*), Japanese (*Basic*)

Other

Event Planning, Project Management