

Nicholas Chehade

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Campus Address:

172 E 11th Ave
Columbus, Ohio 43201

Permanent Address:

33008 Brackenbury Drive
Solon, Ohio 44139

Education

The Ohio State University, Columbus, Ohio

Double Major:

Bachelor of Science in Neuroscience

Bachelor of Arts in Computer &
Information Science

Honors student

Expected Graduation: May 2017

GPA: 3.911 (4.000 scale)

Relevant classes completed:

NEURO – Cellular, Cognitive, Cognitive
Science, Computational, Data Analytics,
Neurophysiology, Quantitative,
Structure/Function

CIS – AI, Discrete/Data, Ethics, Games, Low
Level Programming/Computer Organization,
Project: Systems, Software I & II, Structures
and Algorithms

Skills

- Computer programming (HTML, Java, MATLAB, C++/C#)
- Time management, customer service, task prioritizing, and self-management
- CITI HSR and RCR certified

- Microsoft office programs and AutoCAD
- Light board operating
- Laboratory experience: chemistry, biology, cognitive neuroscience, computer vision
- fMRI safety trained

Work Experience (with references)

Research Intern

May 2016-Present

Air Force Research Laboratory

Jim Davis, Ph.D Professor, OSU (jwdavis@cse.ohio-state.edu)

Computer vision research using convolutional neural networks with Matconvnet in MATLAB.

AV Technician

September 2014-May 2016

The Ohio Union

Mitch Benner, Audiovisual Coordinator (benner.77@osu.edu; 614-526-9166)

Preparing events by setting up and tearing down sound, lighting, and AV equipment.

Undergraduate Research Assistant

June 2015-August 2015

NSF Research Experience for Undergraduates in Mechatronics, Robotics, and Automated System Design

Joseph Lee, Ph.D. Candidate (joseph.sung.lee@gmail.com; 979-595-7606)

Robotic vision research using corner detection and optical flow algorithms with OpenCV and OpenGL libraries. Additionally worked on image stitching, image texture mapping, and image projection.

Undergraduate Researcher

August 2014-December 2014

OSU Vision & Cognitive Neuroscience Lab

Run subjects through eye tracking software in order to further research in visual processing, analyzing data in MATLAB.

Microbiologist Research Intern

May 2014-August 2014

Gojo Industries, Inc.

Joe Rutter, Microbiology Technician (jrutter789@gmail.com; 216-246-4233)

Carried out time-kill experiments involving Clostridium Difficile bacterium, and other bacteria, implemented in vivo studies to further research hand washing methods.

Awards and Achievements

Maximus Scholarship

2013-Present

Inducted Nu Rho Psi Member

Spring 2015

Dean's List

2013-2016

STEP Fellowship for Research

Autumn 2015