

DAVID E. CARLYN

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EDUCATION

BS in Computer Science

Kent State University, Kent, Ohio

May 2019

GPA: 3.98

PROFESSIONAL EXPERIENCE

Software Engineer Intern

MIM Software, Beachwood, Ohio

May 2018 - Present

Developed functionality for saving custom-made searches for medical images. Produced an interface for saving and using custom-made toolbars for easier image markup and analysis. Creating a process for analyzing the session of a user's operation of the software. Performed basic bug fixes and feature enhancements, such as adding undo and redo functionality for image markup.

Mobile Application Developer

Kent State University, Biological Sciences

May 2018 - Present

Constructing an augmented reality tour mobile application for the May 4th museum at Kent State University.

Technology Assistant

Kent State University, Information Services

Mar. 2017 – May 2018

Developed and debugged web applications. Managed user requests and complaints. Collaborated in application design.

Teaching Assistant

Kent State University, Computer Science Dept.

Jan. 2016 – Dec. 2017

Tutored students with basic computer science topics. Supported students with understand lab lectures. Graded computer science projects.

Tutor Coordinator

Kent State University, Academic Success Center

Oct. 2015 – May 2017

Guided student in mathematics, and equipped them with essential study skills. Coordinated tutoring activities.

RELAVENT EXPERIENCE

IT Director

Flashathon, Kent State University

Jul. 2017 – Present

Designed and developed the organization's mobile application. Assisting in all technological communications. Supervising all responsibilities involving electronic equipment.

Website Manager

Phi Kappa Psi, Kent State University

Jan. 2016 – Present

Created the organization's website. Migrated data from the organization's website over to a ChapterSpot managed website. Performing any changes to the new website.

RESEARCH / PRODUCTS

Flashathon

Mobile application for an on-campus student organization

Jul. 2017 – Present

- Supports Akron Children Hospital
- Displays information about fundraising events

Image Segmentation

Segmenting and analyzing astrocyte cells

Sept. 2017 – Aug. 2018

- Reduced the time of analysis from minutes to seconds

Code Change Notification

Integrating GitHub and Slack

Jan. 2018 – May 2018

- Sends notifications on tagged code changes to a user's Slack account

PRESENTATIONS

Banach-Tarski Paradox

Choose Ohio First Poster Session – Kent State University

Apr. 2016

Was 2016 Really the Hottest Year on Record?

Choose Ohio First Poster Session – Cleveland State University

Apr. 2017

Astrocyte Image Segmentation

Choose Ohio First Poster Session – Youngstown State University

Apr. 2018

COMPUTER SKILLS

C++, Java, HTML, CSS, SQL, PHP, JavaScript, Unity3d, SDL 2.0, GIMP, MIPS, Assembly Linux, OutSystems, Eclipse

SERVICE EXPERIENCES

Interfraternity Council	Director of Philanthropy and Community Service	Jan. 2018 – Present
	<ul style="list-style-type: none">Promote service and philanthropy events to over 20 fraternal organizationsCurrently planning a Greek-wide philanthropy event called Songfest to support Read Out and Read.Planning to raise over \$50,000	
Phi Kappa Psi	Community Service Chair	Aug. 2017 – May 2018
	<ul style="list-style-type: none">Lead the fraternity of over 30 men to perform over 660 service hours in four months	
	Philanthropy Chair	
	<ul style="list-style-type: none">Lead the fraternity to raise over \$2,124 for several charities in a semester	
Flashathon	Recruitment Team	Aug. 2017 – May 2018
	<ul style="list-style-type: none">Registered over 500 participants to fundraise for Akron Children's HospitalAssisted the organization in raising over \$47,000 for Akron Children's Hospital	

OTHER EXPERIENCES

Phi Kappa Psi	Vice President and Corresponding Secretary
Springfield High School	Assistant High School Track and Field Coach
H2O Church	Bible Study Leader
Kent State University	Florence Summer Institute Student

HONORS

President's List	Five semesters
Dean's List	One semester
Choose Ohio First Scholarship	\$4,700 first and second years, \$2,012 third year
Trustee Scholarship	\$4,000 per year
Honors Scholarship	\$4,000 per year
College of Arts and Sciences	\$500
Learning Community Scholarship	
Bowman Scholarship	\$2,000
Boy Scouts of America	Eagle Scout Award