

CURRICULUM VITAE

Tyler Yasaka

contact@tyleryasaka.me

June 2020

EDUCATION

2020 – 2021	Scripps College Post-Baccalaureate Premedical Program	
2012 – 2016	University of North Alabama, B.S. Major: Computer Science Summa Cum Laude	G.P.A. 4.0

EMPLOYMENT

2019 – 2020	Junior Specialist , UCI Medical Center, Otolaryngology Dept. Irvine, CA. Developed a hearing test and hearing aid smartphone application as part of an ongoing research project under Hamid Djalilian, MD.
2019 – 2020	Medical Scribe , UCI Medical Center, Irvine, CA. Medical scribe for vascular and endovascular surgery, pancreas and hepatobiliary surgery, and orthopedic surgery departments.
2018	Software Engineer , Origin Protocol, San Francisco, CA. Developed blockchain and web applications for a young venture capital-backed startup.
2016 – 2018	Lead Software Engineer , PartCycle Technologies, Florence, AL. Developed a marketplace web application for a startup as the engineering team lead.
2014-2015	Web Developer , CPR^2 Mathematics Science Partnership Grant, Florence, AL. Developed web application and led workshops for the CPR^2 program to improve STEM education in Alabama.
2014-2016	Web Developer , University of North Alabama, Florence, AL. Developed web applications for the university, including a university calendar and campus-wide alert system.

2015 **Software Development Intern**, Marshall Space Flight Center, Huntsville, AL.
Developed internal software applications for NASA's Marshall Space Flight Center.

HONORS AND AWARDS

2016 **University of North Alabama Keller Key**
Awarded for achieving the highest GPA in the graduating class of 2016.

2015-2016 **University of North Alabama Undergraduate Research Grant (Funding amount: \$1000)**
Awarded by the University of North Alabama, Office of Grants and Sponsored Programs to sponsor our research project entitled "Improving Learning with Simple Immersive Virtual Environments", which was presented at the 2016 National Council on Undergraduate Research.
Principal Investigator: Jason Watson, PhD

2012-2016 **University of North Alabama Dean's Honor Roll**
Recognized for attaining above a 3.75 average G.P.A. every academic semester.

PROFESSIONAL AFFILIATIONS AND SERVICES

Committee Member

Association for Computing Machinery, University of North Alabama
2015-2016: Secretary
Kappa Mu Epsilon Mathematics Honors Society, University of North Alabama
2015-2016: Member
Creekside Academy High School Robotics Club
2011-2012: President of Creekside Academy's Robotics Team

Ad-Hoc Reviewer

Journal of Medical Internet Research (2020)
JMIR mHealth and uHealth (2020)
JMIR Public Health and Surveillance (2020)
JMIR Human Factors (2020)
BMJ Innovations (2020)

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

Yasaka TM, Lehrich BM, Sahyouni R. (2020, April). Peer-to-Peer Contact Tracing: Development of a Privacy-Preserving Smartphone App. *JMIR Mhealth Uhealth*, 8(4): e18936. doi: 10.2196/18936.

Lehrich BM, Goshtasbi K, Abiri A, **Yasaka T**, Sahyouni R, Bitner B, Papagiannopoulos P, Tajudeen BA, Kuan EC. (2020, February). Impact of Induction Chemotherapy and Socioeconomics on Sinonasal Undifferentiated Carcinoma Survival. *International Forum of Allergy and Rhinology*, 10(5): 679-688. doi: 10.1002/alr.22536.

Goshtasbi K, Abouzari M, Abiri A, **Yasaka T**, Sahyouni R, Bitner B, Tajudeen BA, Kuan EC. (2019, September). Efficacy of Steroid-Eluting Stents in Management of Chronic Rhinosinusitis After Endoscopic Sinus Surgery: Updated Meta-Analysis. *International Forum of Allergy and Rhinology*, 9(12): 1443–1450. doi: 10.1002/alr.22443.

CONFERENCE PRESENTATIONS

ORAL PRESENTATIONS

Goshtasbi K, Lehrich BM, Abiri A, **Yasaka T**, Sahyouni R, Kuan EC. The Impact of Induction Chemotherapy and Socioeconomic Factors on Survival in Sinonasal Undifferentiated Carcinoma. Oral Presentation at the 30th Annual North American Skull Base Society Meeting, February 7-9, 2020, San Antonio, TX.

Goshtasbi K, Lehrich BM, Abiri A, **Yasaka T**, Hsu FPK, Cadena G, Kuan EC. Endoscopic versus Non-endoscopic Surgery for Resection of Pituitary Adenomas: A National Cancer Database Study. Oral Presentation at the 30th Annual North American Skull Base Society Meeting, February 7-9, 2020, San Antonio, TX.

Goshtasbi K, Abiri A, Abouzari M, **Yasaka T**, Lin HW, Djalilian HR. Analysis of Bilateral Vestibular Schwannomas to Investigate the NF2 Patient Population: A National Cancer Database Study. Oral presentation at the Triological Society 2020 Combined Sections Meeting, January 23-25, Coronado, CA.

Goshtasbi K, Abiri A, **Yasaka T**, Abouzari M, Muhonen E, Kuan EC. Predictors of Short Term Morbidity in Surgical Treatment of Esthesioneuroblastoma. Oral presentation at the Triological Society 2020 Combined Sections Meeting, January 23-25, Coronado, CA.

Yasaka T, Marlar J. Improving Learning with Simple Immersive Virtual Environments. Oral presentation at the National Council on Undergraduate Research 2016, April 7-9, Asheville, NC.

POSTER PRESENTATIONS

Abiri A, **Yasaka T**, Goshtasbi K, Berger M, Kuan EC. Influence of Adjuvant Immunotherapy in Survival following Surgical Resection of Sinonasal Mucosal Melanoma. Poster presentation at the Triological Society 2020 Combined Sections Meeting, January 23-25, Coronado, CA.

Muhonen EG, **Yasaka T**, Goshtasbi K, Lehrich BM, Sahyouni R, Kuan EC. Survival Outcomes in Gross Total Resection versus Subtotal Resection of Skull Base and Clival Chordoma. Poster presentation at the Triological Society 2020 Combined Sections Meeting, January 23-25, Coronado, CA.

Abouzari M, **Yasaka T**, Parker EM, Goshtasbi K, Merna C, Djalilian HR. Medical Malpractice in Idiopathic Intracranial Hypertension: A Review of the United States Legal Databases. Poster presentation at the Triological Society 2020 Combined Sections Meeting, January 23-25, Coronado, CA.

Berger MH, **Yasaka T**, Haidar YM, Kuan EC, Tjoa T. Insurance Status as a Predictor of Treatment Modality in Human Papillomavirus Positive Oropharyngeal Cancer. Poster presentation at the Triological Society 2020 Combined Sections Meeting, January 23-25, Coronado, CA.

COMMUNITY SERVICE

ACTIVITIES

2020-Present	Crisis Text Line. Currently volunteering as a Crisis Counselor via a mental health and crisis intervention texting service.
2019-2020	Save Our Youth, Costa Mesa, CA. Volunteered as part of an after-school program for underprivileged youth. Tutored math, science, and English. Designed and instructed a hands-on workshop teaching the basics of computer programming. Escorted high school juniors and seniors for weekend college tours.
2019	Orange Coast Medical Center, Fountain Valley, CA. Volunteered in the radiology and physical therapy departments. Responsibilities included escorting patients to waiting areas and preparing charts.
2019	Alzheimer's Family Center, Huntington Beach, CA. Volunteered at an adult day care facility for patients with dementia.
2016-2017	Back on My Feet, Indianapolis, IN. Volunteered in an organization which used the activity of running to help the homeless by providing a sense of accomplishment and community.

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| 2015-2016 | Diversity Student Ambassadors , University of North Alabama, Florence, AL. Volunteered at on-campus events promoting diversity and inclusion at the university. |
| 2012-2013 | Language Partner , University of North Alabama, Florence, AL. Volunteered as a language partner to provide friendship and English conversational practice to an international exchange student. |
| 2012-2013 | Japanese University Meal Project , University of North Alabama, Florence, AL. Participated in a student club which promoted Japanese culture through campus-wide events and activities. |

SOFTWARE

Proficiency in:

R/R Studio, MATLAB, Python, JavaScript, Ruby, C++