

# Max WILLIAMS

## PERSONAL DATA

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WEBSITE: [maxwilliams.us](http://maxwilliams.us)

## WORK EXPERIENCE

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SUMMER 2018	Software Engineer for UNIVERSITY OF KENTUCKY <i>Material Science Software Development</i> Developed user-facing software for managing machine learning models and data work-flows, balanced client's needs with a strict timeline.
FALL 2017	Part Time CS Intern for UOFL BIOINFORMATICS LAB <i>Academic Writing, Programming TensorFlow Models</i> Wrote code for RNA classification using DNN, processed CSV files using Python, and created LaTeX and MS Word documents for academic publication.
SPRING 2018	Computer Science Co-op at NSWC CRANE <i>Front End Web Design</i> Developed user interfaces using Vue, created API endpoints for SQL database interaction in Python.
SUMMERS 2011-2015	Camp Counsellor at CAMP MCKEE BOY SCOUT CAMP <i>Outdoor Skills &amp; STEM Education</i> Instructed merit badges in a variety of subjects, including First Aid, Wilderness Survival, and Robotics.

## EDUCATION

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AUGUST 2017 - JULY 2020	Undergraduate Degree in COMPUTER SCIENCE AND COMPUTER ENGINEERING <b>University of Louisville, Kentucky</b> GPA: 3.65/4.0
AUGUST 2015 - MAY 2016	High School Exchange at Phichai Rattanakhan School, Ranong, Thailand

## LANGUAGES

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ENGLISH:	Mothertongue
THAI:	Conversational, Literate
CHINESE:	Basic Knowledge
JAPANESE:	Basic Knowledge

## COMPUTER SKILLS

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Basic Knowledge:	C, C++, Golang, JavaScript, <del>LaTeX</del>
Intermediate Knowledge:	Common Lisp, NumPy, scikit-learn, Jupyter Notebooks, Git, Arduino, TensorFlow
Extensive Knowledge:	Python, Linux Core Utils, Vim

## INTERESTS AND ACTIVITIES

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Hackathons, Peer to Peer Technologies, AI Safety,  
Robotics, Deep Learning, Artificial Intelligence,  
Bicycling, Math Puzzles, Swing Dance, International Travel