# Deavin T. Hester

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## Skills

| Programming | Technologies | Libraries | Cloud Services | Concepts |
| --- | --- | --- | --- | --- |
| Python | Git | OpenCV | AWS | Machine Learning |
| C++ | UNIX | TensorFlow | Azure | Blockchain |
| C# | Visio | NumPy | Google Could Platform | Agile |
| MySQL | Rally | | | OOP |
| JavaScript | Raspberry Pi/Arduino | | | |

## EDUCATION

University of Kentucky, Lexington, KY
**Bachelor of Science in Computer Science**
**Projected Graduation: December 2018**
- Cumulative GPA: 3.8
- Relevant courses: Interactive Machine Learning, Honors Algorithm Design, Systems Programming, Computer Organization, Game Theory, Web Development

## PROJECTS

- *Speech to Braille- UK Hackathon*
  ◊ Developed in Python, converts speech using Amazon's Alexa or Microsoft Speech API to 3-D printed braille
  ◊ Won 2nd place in UK National Hack-a-thon
- *Wang tile tessellation - Presented at UK Engineering Day 2017*
  ◊ Developed in Python, tiles a 2D plane of user given dimensions with a Wang tile set
- *Database of events with easy GUI for non-technical user*
  ◊ C# and database with XML file format
- *Website for scheduling using LAMP server*
  ◊ MySQL and PHP hosted on a raspberry pi

## EXTRACURRICULAR ACTIVITY

- IEEE (Institute of Electrical and Electronics Engineers) Member
  ◊ Robotics Team Programmer
- ACM (Association for Computing Machinery)
  ◊ Cat Hacks -
- ISEE (International Society of Explosives Engineers)

## PROFESSIONAL EXPERIENCE

- Autonomous Crypto Corp LLC          Dallas, TX
  **Lead Developmental Engineer**
  *September 2017 – July 2018*
  ◊ Aided in the design, creation, maintenance, and programming of autonomous functionalities of multiple large-scale networks for cryptocurrency computing
- Lexmark International, Inc          Lexington, KY
  **Software Engineer Intern**
  *September 2017 – March 2018*
  ◊ Spring 2018 Full-time Co-op
  ◊ Worked as a part of an Agile scrum team to help develop tools to support reliability and automation work on Lexmark developed software
- University of Kentucky          Lexington, KY
  **Network Engineer Intern**
  *August 2016 – Present*
  ◊ Work with campus networking team on various types of projects. From configuring routers and switches after moving, or for initial installation to designing network maps in Visio
- University of Kentucky          Lexington, KY
  **Undergraduate Bioinformatics Research Asst.**
  *May 2017 – July 2017*
  ◊ Developed software to transcribe speech to text in real time for the campus Disability Resource Center for hard of hearing students
  ◊ Worked with Bioinformatics department at UK to host a technology and Bioinformatics workshop