

# SAMUEL KEYS



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## Summary

Computer engineering student with interest in both software and hardware development. Looking to grow network, find a career, and to further develop skills/self. Friendly, responsible, adaptive learner. Open to new experiences.

## Education – University of Kentucky

Projected: May 2020	Bachelor of Science in <b>Computer Engineering</b> , Minors in <b>Computer Science &amp; Mathematics</b>	<b>GPA: 3.96</b>
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## Experience

Jan. 2019	Startup Internship, <b>FlyWire</b> , Lexington, KY
–	Worked with a startup using GPS and camera technology to improve fishing sustainability.
May 2019	Involved with incorporating the company's data and workflow with cloud services (AWS). Worked with machine learning (OpenEM / CVision) to improve data analysis efficiency.
May 2018	Nuclear Internship, <b>Duke Energy</b> , Charlotte, NC
–	Interned in the Fleet Digital Process Systems / Cyber Security department of McGuire Nuclear Station. Work included research / testing of network security software / appliances, maintenance of development lab, and miscellaneous tasks.
Aug. 2018	
Aug. 2017	Peer Mentor, <b>University of Kentucky</b> , Lexington, KY
–	Worked for the Engineering Living Learning Program (LLP) dormitory as a peer mentor for incoming wildcats. Actively lead a group of 35 freshmen, planned events, mentored students, and communicated effectively with coworkers and superiors.
May 2018	

## Skills

Software Dev.	C, C++, C#, Java, Python, Assembly, MatLab, UNIX / Linux, Web Dev. (HTML, XML, CSS), virtualization (XenServer, VMware), Machine learning (CVision, TensorFlow), Amazon web services (AWS)
Hardware Dev.	VLSI IC Design, microcontrollers (Arduino, TI Launchpad, Raspberry Pi), Icarus/Xilinx Verilog, MultiSim, PCB Design (Eagle), FPGAs
Soft Skills	Organized, driven work ethic, constructive team-worker, good mediator, professional communication, positive attitude
Misc.	Creative prototyping (CAD, 3D printing, CNC, woodworking), excellent with Microsoft Office suite, Information Tech., Computer networking, Photoshop, quick to learn new skills

## Extra-Curricular

UK IEEE (Treasurer, Hardware Team Leader) | UK Entrepreneur Club (Marketing Chair) |  
Tau Beta Pi (Initiation Chair) | Eta Kappa Nu | UK Rock Climbing Club (President)

## Awards

UK Commonwealth Scholarship (2016-2020) | Dowell Federal Credit Union Scholarship (2017, 2018) |  
UK WRD Award – Best Visual Essay (2016) | Dartmouth Book Award (2015) | Eagle Scout (2013)