Trenton Potter *(785)-639-3550   TRPotter@ku.edu*

ABOUT
Academically and extracurricularly strong student interested in innovative and technology focused businesses. Interests in leadership, financial markets, math, and computer science research.

EDUCATION
University of Kansas — *B.S. Computer Science (Honors) and Business Minor — 3.93 GPA*
Aug 2016 - May 2020
Member of Phi Kappa Phi honor society, nominated and selected for Eta Kappa Nu academic excellence award.

Exchange to University of Newcastle, Australia — *Computer Science*
Feb 2018 - July 2018
Studied computer science and business coursework in addition to extensive travel and cultural engagement. Currently volunteering as ambassador promoting study abroad, running information sessions, and assisting potential candidates.

EXPERIENCE
Undergraduate Teaching Fellow & Question Writer - University of Kansas
Aug 2017 - Jan 2018
Taught undergraduates digital logic, circuit design, and boolean arithmetic. Developed 40 assignments to support students.

IT and Digital Advertising Manager - Hays Medspa and Reconstructive Surgery
Jan 2015 - Sep 2018
Created and managed HIPAA compliant computer network. Created AdWords, Facebook, and physical campaigns.

INVOLVEMENT
SELF Engineering Leadership Fellow
May 2018 - Present
Distinguished fellowship at the University of Kansas with the mission of developing passionate, business-oriented engineers.
- Competitive admission of only 28 students from 2020 graduating class. Based on non-academic merits.
- Eight days of company hosting in Seattle by Google, Blue Origin, Mercedez-Benz, Uber, etc.
- Hosts statewide high school design competition. Planned, designed, and run by undergraduate fellows.

Discipline of Electrical Engineering & Computer Science Lead
Aug 2018 - Present
As elected EECS lead, led a team of 37 top undergraduates in designing, planning, and hosting events for the school of engineering. Multiple community service, social, and profession speaker events are hosted every semester. Responsible for managing relationships with alumni and executive board members.

HackKU (Hackathon) Finance Lead
Aug 2018 - Present
Leading and collaborating with five team members to contact sponsors, prepare budgets, and organize financial records. Managing relationships with industry members while providing well defined benefits in exchange for sponsorship.

PROJECTS - github.com/trpotter72
ICARUS Cognitive Control Systems Laboratory - Undergraduate Research Assistant
Research with Stanford alum Dr. Dongkyu Choi on artificial intelligence problem solving framework. Developed code and participated in code review specifically related to task prioritizing with non-disjoint and cyclical dependencies. **(CLISP)**.

AES-128 + DES-56 Encryption Implementation and Analysis
Created to analyze waterfall effect, unicity distance, and combined effect of transposition and substitution **(C++)**.