

Oleksandr Sofishchenko

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EDUCATION

Texas A&M University, College Station, TX, USA

- Major: Computer Engineering - Engineering Honors Aug 2015 – May 2018
 - Cumulative GPA: 3.70 / 4.00

Blinn College, Brenham, TX, USA

- Major: Mathematics Aug 2013 – May 2015
 - Cumulative GPA: 4.00 / 4.00

School of Humanitarian Work, Kherson, Ukraine

- In-depth study of mathematics and foreign languages (English and German) Sep 2002 – May 2013

WORK EXPERIENCE

TAMU - Department of Computer Science and Engineering - Peer Teacher, College Station, TX, USA

- Provide help in teaching CS courses Aug 2016 – Present
 - CSCE 110 - Python
 - CSCE 121 - C++
 - CSCE 206 - C/C++
- Conduct course weekly review for CSCE 121

SKILLS

Software Skills

- Knowledge in Python, C++, Arduino IDE programming, Swift, HTML/CSS, MATLAB
Related Coursework: Programming Concepts and Design and Data Structures and Algorithms
- Basic knowledge in C, Haskell, JavaScript, Java, R
- Able to make detailed 2D/3D drawings using AutoCAD

Electrical Skills

- Basic knowledge in Arduino, Verilog HDL, MIPS Assembly
- Basic knowledge in digital circuitry
Related Coursework: Digital Systems Design, Computer Architecture

PROJECTS

CSS Framework Design

- Designed and programmed a set of web pages using custom-made frameworks

iOS App Development

- Designed and programmed several basic iOS applications in Swift language
 - Additional software involved: Alamofire library, Google APIs, Tumblr API

Circuitry with Shift Registers

- Proof of concept demonstrating the application of shift registers controlled by Arduino Uno microcontroller

Hackathon Experience

- TAMUHack (Fall 2015)
- HACKDFW (Spring 2016)
 - Schedule Creator Chrome Extension Project: parse and analyze course information using Texas A&M course data

ACADEMIC AWARDS

- Awarded \$1,000 Keys to Aggieland NOW Scholar Award 2015

LANGUAGES

- Ukrainian: Native language
- English: Fluent (speaking, reading, writing)
- Russian: Fluent (speaking, reading, writing)
- German: Intermediate (reading); basic (speaking, writing)