



Scott Shevrin

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Education

Drexel University | Philadelphia, PA

Bachelor of Science in Computer Engineering • Minor in Mathematics

Anticipated Graduation: June 2018

Burlington County College (BCC) | Mount Laurel, NJ

Associates of Science in Engineering, GPA 3.5

Earned: May 2015

Research / Projects

Personal Website

Designer / Programmer

[Present] | scottshevrin.com

- Designed a landing page for my personal portfolio
- Created a Node.js server to host website using several modular template engines
- Developed custom CSS using SASS engine and implemented HTML template engine (e.g. EJs and ECT)
- Employed mobile and desktop friendly practices to provide seamless experience on any platform

Customized Tabletop Pinball

Designer / Team Member

[Summer 2015 – Present] | Personal

- Constructing pinball machine from scratch
- Using AutoCAD to aid in design process
- Purpose is to acquire knowledge of the mechanics of pinball in order to advance the design to a digital platform

Engineering Design Project “Frogger”

Project Leader / Designer

[Spring 2015] | BCC, Mt. Laurel, NJ

- Prototyped an interactive obstacle course along with 4 other team members
- Drafted custom electrical circuits and mechanical parts utilizing AutoCAD and NI Multisim

Undergraduate Research

Research Assistant

[Spring 2014 - Summer 2014] | BCC, Mt. Laurel, NJ

- Developed a web-powered telescope protocol
- Researched cutting edge technology (e.g., Node.js, WebSockets, Raspberry Pi)

Nodecar

Designer / Programmer

[Spring 2014] | HackRU, New Brunswick, NJ

- Created multiple web servers to drive a car remotely utilizing Node.js, Raspberry Pi and Arduino technologies
- Programmed Arduino to interpret data from phone tilt sensors in order to steer vehicle
- Recipient of “Best Hardware Hack” Award

Smarter Dumb Phones

Designer / Programmer

[Fall 2012] | HackRU, New Brunswick, NJ

- Developed a PHP powered service that relayed relevant information to users from queries over text messaging
- Recipient of “Mashery API” Award and “Twilio API” Award

Technical Skills

Programming: JavaScript; Node.js; Python; MATLAB; Ruby; Ruby on Rails; MongoDB; Java; D3.js; Visual Basic; C++; OpenCV; Sinatra; PHP; WebSockets; Git; JQuery; Angular.js; SASS; CSS3; HTML5; EJS; RESTful Systems; SQL; Unity;

Software: AutoCAD; Sketchup; Filemaker; SolidWorks; Adobe Suite (Photoshop, Illustrator, Premiere); Amazon Web Services (AWS); Microsoft Office Suite (Excel, Access, PowerPoint, Word);

Hardware: Arduino; Raspberry Pi; Oscilloscope; Multimeter;

OS: Windows; Unix (Linux, OSX);

Relevant Coursework

Foundations of Electric Circuits

Fundamentals of Materials

Digital Logic Design

Discrete Mathematics

Differential Equations

Computer Programming I

Engineering Design

Engineering Statics

Work Experience

Conversion Technologies International, Inc.

IT Technician

[May 2015 - September 2015] | Mt. Laurel, NJ

- Provided in-house tech support to over 50 employees
- Focused on hardware and software support
- Managed company's server network (in-house and offsite)

Tech Commandos

IT Technician

[August 2013 - April 2015] | Marlton, NJ

- Managed company's server network; responsible for hosting clients' ACT (CRM) data and remote computers
- Provided over the phone and in-person tech support to hundreds of companies and individual clients
- Evaluated and helped develop new software and web applications

Honors / Awards

- A.J. Drexel Scholarship, Drexel University, 2015 - Present
- Phi Theta Kappa Scholarship, Drexel University, 2015 - Present
- Dean's List, Burlington County College, Fall 2013 – Spring 2015
- Best Hardware Hack, HackRU, Spring 2014
- Mashery API Award, HackRU, Fall 2012,
- Twilio API Award, HackRU, Fall 2012
- Highest Seeded Rookie team, Philadelphia Regionals of FIRST Robotics competition, Spring 2011
- Rookie Inspiration Award, Philadelphia Regionals of FIRST Robotics competition, Spring 2011

Activities

Member, (IEEE), 2015 - present

- Institute of Electrical and Electronics Engineers

Member, (NY Tech Meetup), 2012 – Present