

Eldor Bekpulatov

ECE Student, 3.5

I have been described as driven, hardworking, and good looking. And I agree with all of them!



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EDUCATION

Electrical and Computer Engineering Cornell University

08/2016 – Present

Ithaca, NY 14850

Courses

- Obj-Oriented Prog & Data Struc (CS 2110)
- Intro to Circ Elec & Comp Engr (ECE 2100)
- Digital Logic & Computer Org. (ECE 2300)
- Signals and Information (ECE 2200)

Leon M. Goldstein High School Focus on STEM

09/2012 – 06/2016

Brooklyn, NY 11235

Activities

- Founder of FIRST Robotics Challenge Team
- Captain of Mens Varsity Wrestling Team
- Sub-team lead of Science Olympiad
- Member of United Network of Student Leaders

WORK EXPERIENCE

Tech Sales Associate Staples, Inc.

06/2016 – 08/2017

Brooklyn, NY 11213

Tasks

- Assess customers needs and provide assistance and information on product features. Examine inventory and place order requests.
- Follow and achieve department's sales goals on weekly basis. Oversee and help group of trainees achieve their daily tasks and goals.

Contact: Jessica Micciola (General Manager) –
jessica.micciola@staples.com

Start-up Assistant Qi Advisors Group, LLC

05/2016 – 06/2016

Brooklyn, NY 11215

Private company that offers comprehensive financial planning solutions, incorporating ESG investment principles.

Tasks

- Placed phone calls to potential clients and offer financial solutions on individual basis.
- Handled client portfolios associated with life insurances, retirement plans, and annuities.
- Coordinated between the client and the company to conduct procedural tasks, such as Medical Exams.

Contact: David Hamond (Founder) – (917)615-3760

TECHNICAL SKILLS

Python

Django

Java

JavaScript

HTML/CSS

Verilog

MatLab

Quartus II

UE4

Blender

PROJECTS

ClientBase.Space (12/2017 – Present)

- Subscription Based Client Management WebApp that allows users to CRUD Companies/Clients/Events/Documents (in that hierarchy).
- Incorporates AJAX techniques to communicate with main server for real time updates. Base Framework is Django, Python based.
- Currently working on incorporating additional feature that will automate the completion of PDF Documents.

Experience with Altera Quartus II (01/2017 – 05/2017)

- Experience with Quartus II to analyze and synthesize HDL designs, while performing timing analysis, examining RTL diagrams, and simulating vector waveforms. Used Verilog and visual editing of logic circuits for hardware description. Used Altera Cyclone IV to simulate the behavior of the designs to real time stimuli.

Teleporter VR (10/2017 – 12/2017)

- With the use of vector geometry and access to built-in libraries recreate the game mode of Valve's video game Portal.
- Modeled physical objects using Autodesk ReCap/Blender, and rendered them in simulated VR environment using Unreal Engine 4.
- Programmed the user interactions with virtual objects, and physical properties/physics of the environment.

ORGANIZATIONS

AguaClara Infrastructure Design Engine (AIDE) Software Team Member (01/2018 – Present)

AguaClara is a project-team based program at Cornell University that seeks to provide viable water solutions to regions of the world without access to clean water through research and engineering disciplines. As members of software team, we are creating a second-generation open-source design API within Autodesk Fusion 360 to be used by international partners to auto-generate the design parameters and model renderings of water filtration plants.

INTERESTS

Machine Learning

Analog Signal Processing

Web Development

LED

FIRST Robotics

DataBase Management

Game Design