ELDOR BEKPULATOV

7920 19th Avenue Apt 2D   Brooklyn, NY, 11214   (347) 598-8534   eb654@cornell.edu

---

Cornell University, Ithaca, NY
BS in Electrical and Computer Engineering | Minor in Business   *May 2020*
GPA: 3.5/4.0

RELATED EXPERIENCES

Gamyte, *New York, NY*
Software Engineering Intern   *June 2018 – Present*
- Developing a proof-of-concept project to analyze architectural plans through the use of Computer Vision.
- Train TensorFlow's Faster-RCNN object detection model to detect tables, floor-plans and symbols.
- Extract text features using Google's Cloud Vision API and detect geometric attributes using OpenCV.
- Apply custom logic to analyze and postprocess the extractions and reformat the findings.
- Cross reference findings with an SQL Databases in order to produce bid estimations.

AguaClara Project Team, *Ithaca, NY*
> *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.*

Research Adviser   *May 2018 – Present*
- Lead and coordinate monthly meetings with team leads to discuss monthly progress reports.
- Oversee and delegate responsibilities to six sub-teams consisting of over 30 students.
- Develop and administer member trainings and hold bi-weekly feedback sessions with each member.

Software Team Member   *January 2018 – May 2018*
- Integrated front-end web interface to capture user defined parameters.
- Handle requests to designated servers to retrieve appropriate model renderings.

Staples, Inc. *Brooklyn, NY*
Tech Sales Associate   *June 2016 – August 2017*
- Positively contributed to the customer experience by providing friendly, knowledgeable and professional service.
- Reached sales quotas by introducing warranties, services, and accessories that met the customer's needs.
- Trained SYEP interns on sales, store operations, cashier transactions and organizing inventory.

Qi Advisors Group, LLC, *Brooklyn, NY*
Start-up Assistant   *May 2016 - June 2016*
- 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.

PROJECTS

ClientBase.Space   *December 2017 – May 2018*
- Subscription based client management WebApp that allows users to manage client portfolios containing documents and schedules. Planner/Calendar feature incorporated to help visualize entries. Incorporates AJAX techniques to communicate with main server for real time updates. Django, Python based.

Experience with Altera Quartus II in Series of Labs   *January 2017 – May 2017*
- Analyze and synthesize Single Cycle Processor/State Machine designs, while performing timing analysis, examining RTL diagrams, and simulating vector waveforms. Used Verilog and visual logic circuits for hardware description. Used Altera Cyclone IV for code deployment and simulations.

Teleporter VR   *October 2017 – December 2017*
- Recreated the game mode of Valve's video game Portal in VR. Modeled objects using Autodesk ReCap and Blender. Programmed game logic using Unreal Engine 4. Showcased the project in a student reach-out event.

SKILLS

Languages: Fluent in Uzbek, Conversational in Russian
Programming: Python, Java, JavaScript, Verilog, MATLAB, SQL, HTML, CSS
Interests: Machine Learning, Computer Vision, Database Management, Signal Processing, Web Development