LIEZL PUZON

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OBJECTIVE: To utilize my analytical expertise to augment my well-founded skills in computing technology, statistics, and programming, while earning for my higher education.

EXPERIENCE

Proficient in: C#, Python, Java, Visual Studio, Eclipse, Kinect API, Unity, Android API

Corpus Writer for Natural Language Processing at iSoftStone, Inc. (Summer 2013)

- Wrote workflows for audio command-based phone applications, providing instructions for command writers.

Junior Research Project (2013): **Kinect Electronic Travel Aid for the Visually Impaired**

- Individually created a cost-effective wearable Kinect device to help the visually impaired navigate their immediate environment.
- Skills used: research writing, technical writing, statistics, C#, Visual Studio, Kinect API

Sahana Software Foundation

- As NHS Vice President, I worked on an open source disaster canvassing tool for Tropical Storm Sandy recovery with Sahana Eden.
- Skills used: Git, Python web development, SQL and database abstraction, JavaScript

Google Code-In 2012 ***Grand Prize Winner*** *(International)*

- I was one of 4 U.S. winners recognized
- Collaborated Sahana Software Foundation, to work on Sahana Eden, a free web-based disaster management system coded in Python.

HackRU Fall 2013 (Rutgers University) **2nd Place Overall**

- 24-hour college hackathon
- Quick-Tron: quick, cost-effective multiple choice scanner
- Technologies used: Java, Android API, OpenCV, SQLite, SendGrid API

PennApps Fall 2013 (University of Pennsylvania)

- 48-hour college hackathon among 1000 total international college participants
- Technologies used: Android API, Java, OpenCV (computer vision), real-time facial detection

EDUCATION

Ranked 1st of 416 in Freehold High School senior class
GPA: 4.0/4.0 unweighted
Projected College: Princeton University Class of 2018 (Recently Accepted through Early Action)

Rutgers Governor's School of Engineering and Technology (Summer 2013)

- **Dynawheel Stroke Rehabilitation with Android Applications**
- Developed and tested Android apps with patients at the JFK Rehabilitation Clinic.
- Relevant Courses: Computational Methods in Engineering and 3D Printing, *Robotics (C Programming)*

Columbia University (2012- present)

- Number Theory; Genetics and Biodiversity Conservation; Neuroscience
- Familiar with encryption, statistics, and technical writing

Brookdale Community College		Rutgers University	
2012 Spring Semester (6 credits)		2012 Summer Session (6 credits)	
COMP 171 (Programming I)	**A**	Public Speaking	**A**
COMP 126 (Computer Logic and Design)	**A**	Expository Writing	**B**

Test Scores

AP Computer Science	**5**	SAT II Biology	**780**	ACT (Composite)	**36**
AP Statistics	**5**	SAT II Math 2	**800**		
AP Calculus BC	**5**	SAT II Chemistry	**800**		
AB subscore	**5**				
AP Biology	**5**	SAT I CR	**760**		
AP Chemistry	**5**	SAT I Math	**800**		
AP English Language	**5**	SAT I Writing	**800**		
AP US History	**5**	Essay: 11			