

# JANELLE G. CUETO

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## WORK EXPERIENCE

### **DICKERSON ENGINEERING, INC., ARLINGTON HEIGHTS**

June 2018 - current

#### *Programmer*

- Developed, implemented and currently maintain a data portal for hospital group clients to view the campus-wide status of electrical systems and gear at <https://portal.dei-pe.com/hospital/demo/>.
- Created an in-house sheets-like editor which allows engineers to manage DEI Portal data, user privileges, executive summaries, and other information.
- Redeveloped a program which prints transmittal documents for sending electrical drawings. This system records data, prints envelopes and shipping labels, and overrides browser print dialogs.
- Develop small web applications for internal administrative use such as project management and planning tools, email and calendar functions, company scheduling systems, and time card systems.
- Develop new tools and add-ins for AutoCAD and Revit for use by our engineers using the C#.NET Revit API and AutoLISP | C#, VB.NET, AutoLISP
- Basic IT Support tasks | Server2008, Server2012, VNC, MDaemon Mail Server
- Tech stack | PHP, Apache, MariaDB, JavaScript, jQuery, HTML, CSS/Bootstrap, Python

### **NORTHWESTERN CODING BOOT CAMP BY TRILOGY ED, CHICAGO**

April 2019 - current

#### *Full Stack TA*

- Provide assistance with homework and class material in-class and during office hours, grade all assignments, and occasionally provide supplemental help/courses outside of the course schedule.
- Contribute to Trilogy's Lesson Plan curriculum, providing feedback on course structure and material to further improve the bootcamp.
- Tech stack | Javascript/jQuery, HTML/CSS, Node.js, React, Express, Python/Django, Heroku, Firebase and other modern technologies and frameworks.

## TECHNICAL SKILLS

**Languages & Frameworks:** Python, PHP, Javascript, Java, C, C++, MariaDB (MySQL), MongoDB (NoSQL), HTML/CSS, Node.js, React, Express, .NET/C#, AutoLISP, F#, Smalltalk, Paradox

**Other:** Embedded Programming with Arduino and Raspberry Pi, Blender, OnShape, AutoCAD/Revit

## PROJECTS & OTHER EXPERIENCE

### **SMJCBGGGM — Python Developer**

January 2018 - May 2018

- Collaborated with team members to develop a web application visualizing data scraped from Yelp in conjunction with other data collected on a specific area in Chicago.
- Responsible for web scraping Yelp reviews, Chicago crime data retrieval, general data scrubbing, and providing the key visualizations of restaurant and crime data.
- <https://nuknuk48.github.io/cs418project/>

### **ESCAPE ROOM VR — GameDeveloper**

November 2017 - December 2017

- Worked with a small team to create a virtual reality escape room and archery simulation bundle for the HTC Vive in C# using the Unity5 game engine.
- <https://janellecueto.wixsite.com/class/vr-project-3-escape-room>

### **LUKE HOLMES — GameDeveloper**

March 2017 - May2017

- Developed a short point-and-click adventure and puzzle game inspired by *Osmosis Jones* the movie using the Unity5 game engine.
- <https://github.com/GJGMFB/luke-holmes>

## EDUCATION

### **UNIVERSITY OF ILLINOIS AT CHICAGO, CHICAGO**

August 2014 - May 2018

*Bachelor of Science in Computer Science / GPA: 3.4/4.0*

UIC Engineering Merit Scholarship Recipient, UIC PESO Scholarship Recipient, Illinois Scholar