SHUTO ARAKI

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Kaggle: https://www.kaggle.com/shutoaraki Portfolio website:

EDUCATION

DePauw University   **Greencastle, IN**
Bachelor of Arts in Computer Science and Mathematics, minor in Economics   *May 2020*
- **GPA:** 3.93 / 4.00 Cumulative, 4.00 / 4.00 Major
- **Awards:** Rector Scholarship (full tuition for 4 years)
- **Activities:** Delta Upsilon Fraternity, Inc., Data Science Group, Japanese tutor
- **Honors:** Science Research Fellows, Dean's List for all 3 semesters

EXPERIENCE

Information Technology Associates Program   **Greencastle, IN**
Biochemistry Department Software Engineer   *August 2016 – May 2018*
- Learned web authoring and designing including HTML and CSS
- Visualized geospacial data using Geographic Information Systems (GIS)
- Printed biomolecule structures using 3D printers
- Developed a protein molecule viewer app in Virtual Reality on iOS using Google Cardboard SDK.

Science Research Fellows   **Greencastle, IN**
Data Visualization Researcher   *November 2016 – December 2017*
- Learned scientific research methods and presentations
- Researched in biochemistry department highlighting genetic mutations in 3D protein models using Python and UCSF Chimera. Created a Chimera extension using Python 2.7 that visualizes missense mutations with unknown significance from protein data bank.

Coca-Cola (Japan) Company, Ltd.   **Tokyo, Japan**
Summer IT intern   *May 2017 – August 2017*
- Wrote a program that automates daily data transfer process from Amazon AWS S3 to Google BigQuery using Google Cloud Functions. It shortened the data process time from 1 human hour to 2 human minutes and eliminated human errors.
- Updated an iPhone app with the vending machine analytics team. It hit over 7 million downloads in Japan.
- Led Digital-Day (internal event that raise awareness about technology) and successfully promoted the use of new technologies inside the company

SKILLS & ABILITIES
- Bilingual in English and Japanese
- Intermediate level Spanish
- Proficient in Java and Python 3.6
- Elementary level Swift, C++, and JavaScript
- Experience in Object-Oriented Development and Design Pattern Technique using Java
- Familiar with Functional Programming using Scala
- Advanced Microsoft Excel including programming macros in Visual Basic
- Strong quantitative and logical reasoning skills