Jemuel Santos

Current: 1115 8th Avenue, Box 4509, Grinnell, IA 50112
Permanent: 6708 Redfield Avenue Hyattsville, MD 20784
santosje@grinnell.edu ● (301) 633 – 1381

EDUCATION

Grinnell College   Grinnell, Iowa
Intended Bachelor of Arts in Computer Science   Expected May 2019

- Posse Foundation Full-Tuition Leadership Merit Scholarship (2014—2019)
- Selected Coursework: Calculus I, Discrete Structures, Applied Statistics, Statistical Modeling, Functional Problem Solving, Imperative Problem Solving and Data Structures, Algorithms and Object-Oriented Design, Analysis of Algorithms Data Visualization, Artificial Intelligence, Software Development Principles and Practices, Team Software Development for Community Organization

EXPERIENCE

Unity Developer   April 30, 2018—Present
Grinnell College   Grinnell, Iowa

- Craft immersive 3D, VR, and MR experiences that are accurate, educational and effective.
- Participate in site-based research to incorporate important cultural, historical and social elements from these sites into the development process.

Mentored Advanced Project Research Assistant   May 22, 2017—December 18, 2017
Grinnell College   Grinnell, Iowa

- Research the principles and conventions of game development to create an educational game on Unity.
- Work with a team to develop a game in Unity using Model-View-Controller architecture.
- Develop data visualizations on Shinyapps in order to help users make better decisions in the game.

Computer Science Mentor   December 16, 2016—Present
Grinnell College Mathematics Department   Grinnell, Iowa

- Plan and facilitate mentor sessions covering class material discussed to deepen the students' knowledge.
- Assist the professor during class in teaching and guiding the students for classwork.
- Develop and improve mentees' study skills needed to learn independently, which will help them gain mastery of the subject.

Android Developer   August 25, 2016—May 14, 2017
Grinnell College   Grinnell, Iowa

- Develop applications dedicated for the college using Java and Android Studio.
- Collaborate as a group to create useful applications that can be used on campus by college students.
- Attend weekly training sessions to learn new concepts that will be used in application development.

Statistics Mentor   August 25, 2016—December 18, 2016
Grinnell College Mathematics Department   Grinnell, Iowa

- Planned and facilitated review sessions covering class material discussed to prepare students for assessments.
- Assisted the professor during class in teaching and guiding the students.
- Recommended ways of looking at and solving statistical problems discussed in class.

Interactive Communications Assistant   May 22, 2016—June 24, 2016
Communications Department   Grinnell, Iowa

- Developed and updated Grinnell College website to fix accessibility issues and added new content.
- Contacted web page owners regarding old or unused web pages on the school website.
- Troubleshoot school website and ran quality assurance testing to fix broken links and other features not favorable to its users.

SKILLS

Languages: Native speaker of Tagalog, Fluent in English
Computer: Proficient in Microsoft Office and Excel, Lightroom
Programming Languages: Java, Scheme, C, Python, HTML, CSS, JavaScript