

Muhammad Adlan Ramly

UX Engineer / Designer

adlanarvyanda@gmail.com
mar6122@psu.edu
+1 917-833-4348

adlanramly.weebly.com
www.linkedin.com/in/adlanramly

509 Allen Street, 1013 S. Allen St
State College, PA

EDUCATION:

Pennsylvania State University (2015-2019)

B.S. in Information Science & Technology
Specializing in: Design & Development
GPA: 3.1

ACTIVITIES:

• Indonesian Student Association:

Webmaster (2016-2017)

Indonesian Cultural Night 2015:

Creative Team Lead

• Penn State AR/VR Club:

Game Designer & Developer

• Penn State 3D Printing Club:

Product Designer

FORMAL COURSEWORK:

- Intro to Programming Concepts
- Intro to Drawing & Design
- Intro to Psychology
- Engineering Design
- Design Thinking
- Databases using MySQL
- Intermediate Programming
- Discrete Math & Algorithms
- Scripting

INDEPENDENT COURSEWORK:

- Photoshop
- Illustrator
- Android Development
- Unity Development
- HTML/CSS
- Arduino

COMPETENCIES:

- Prototyping Applications
- Concept Drafting (Analog & Digital)
- Android Mobile Design & Development
- Video Game Design & Development with Unity
- Immersive Reality Simulation
- Wireframing
- Concept Art
- Leadership/Teamwork

DESIGN SKILLS:

- Photoshop
- Illustrator
- Analog Sketching
- Balsamiq
- Solidworks

TECHNICAL SKILLS:

- Java
- C# (Unity)
- C++
- MySQL
- HTML/CSS
- Arduino

INTERESTS:

- Human Centered Design
- IoT Applications
- AR/VR Simulations
- Video Game Development
- Mobile Application Development

PROJECTS:

• Monsoon (2013):

"Solar & Rain Powered Phone Charger Embedded to an Umbrella for Tropical Countries"

• Gryllotalpoid (2013):

"Autonomous Robotic Water Sewage Cleaner in Jakarta"

National Merit Award in INACTA

**(Information and Communication Technology Award)
For Applicative Robot Design Category**

• PEDIA (2014):

"Body Weight Calculator Shoes and Android Health Coach"
IoT & Wearable Project

**Gold Medal in (IYIA) International Young Inventors
Award, Won 4 Special Awards**

• IImcomics.com (2015):

*"A web based digital ecosystem for researchers and comic
artists to make comics based on research journals"*

Top 5 Finalist in IST Ideamaker Challenge