Adithya Rajan

609.580.0866   ●   adithyarajan24@gmail.com   ●   linkedin.com/in/adithyarajan24   ●   adithyarajan.com

EDUCATION

University of Illinois at Urbana-Champaign | Champaign, IL   2016 - 2020
- B.S. Electrical Engineering

DePaul University | Chicago, IL   2021 - 2024
- M.F.A. Film & TV Directing

WORK EXPERIENCE

PG Ventures (Procter & Gamble)   Jun. 2020 - Present
Product Manager (Connected Products) | Cincinnati, OH

- Technical lead for engagements with external groups to drive iterative learning goals through consumer usage experience testing and define scope for product enhancements
- Interfaced between Engineering and Business teams to define and deliver product readiness requirements for IoT operations model and change management processes
- Developed meaningful additions for IoT product line including web app-based connected experience

Ethicon Endo-Surgery Inc. (Johnson & Johnson)   May. 2019 - Aug. 2019
Energy R&D Co-Op | Cincinnati, OH

- Responsible for end-to-end management of project including leading design reviews, interfacing between mechanical and electrical engineering teams, and creating project schedules with the use of tools like Gantt charts
- Designed circuit schematics and PCB layout for Capacitive Touch Board and NFC Reader board in Generator

Ethicon Endo-Surgery Inc. (Johnson & Johnson)   Aug. 2018 – Dec. 2018
Endomechanical Device R&D Co-Op | Cincinnati, OH

- Prototyped and tested various circuits and sensors to transmit data through Bluetooth during device operation. Intended for implementation across various devices in the Endomechanical franchise
- Performed Design Failure Mode and Effect Analysis (DFMEA) using OrCAD/Pspice circuit simulations to design requirements to prevent life-threatening device failures

EXTRACURRICULAR/PROJECT EXPERIENCE

Chai Town A Cappella   2017 - 2020
Vice President | Champaign, IL

- Responsible for all of Chai Town's internal and external obligations, such as managing relationships with the University, Concert hosts, Media/Video content creation and publishing records

Self-Harmonizing Android Application   2019
github.com/soosiey/Self-Harmonizer

- Designed Android application that generates a tone that harmonizes with the user's real-time voice input

Short Film Projects
adithyarajan.com

- *The Last Date* – Writer/Director/Editor
  - Official Selection: Golden Cali Film and Art Awards
- *Imposter Syndrome* – Writer/Director/Editor
- *Swap* – Writer/Director/Editor

SKILLS

Project Management	Circuit/PCB Design	Final Cut Pro X
Agile Development	Python/C++/MATLAB	Screenwriting
Internet of Things (IoT)	Digital Signal Processing	Video Editing