

Adithya Rajan

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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/film

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

SKILLS

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