

JEFF HILNBRAND

EXPERIENCE

Startup Shell: Director Fall 2012 - present

- Created nonprofit incubator to foster entrepreneurship through collaboration
- Lead expansion of student-run coworking space and prototyping lab
- Mentor startups in technology and business topics during Innovation Fridays

Ampvita: Co-Founder, UX Designer Fall 2013 - present

- Build mobile app Hotdrop for location-based messaging, heading interaction design, user interface prototyping, and front-end development
- Grow business using customer discovery and lean startup methodology

Hinman Lab: 3D Designer Summer 2013 - present

- Consult entrepreneurial teams with product design and 3D printing support

JHil Media Design: Founder 2011 - 2014

- Freelance web development, graphics design, video, and print services

Hyperion Technologies: Engineering Intern Summer 2013

- Programmed quadcopter drones to perform target tracking and indoor navigation missions while researching emerging autonomy technologies
- Realigned company vision around human factors engineering innovation

Engineers Without Borders: Ethiopia Team; PR Chair 2011 - 2013

- Implemented hydrology system for marketplace in Addis Alem, Ethiopia
- Launched outreach initiatives to communicate technical goals to public

EDUCATION

University of Maryland, College Park

B.S., Mechanical Engineering; Minor, Technology Entrepreneurship 2015

QUEST Honors Program Fall 2012 - present

Reality-centered course that focuses on quality systems management

Hinman CEOs Program Fall 2013 - present

Living-learning community to help interdisciplinary students launch ventures

College Park Scholars: STS Fall 2011 - Spring 2012

Curriculum that studies interactions between science, technology, and society

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SKILLS

Engineering

Inventor AutoCAD SolidWorks

SketchUp Pro/ENGINEER

ReplicatorG MakerWare

Code

MATLAB HTML CSS Android

JavaScript jQuery Python Git

PHP WordPress

Design

Illustrator Photoshop InDesign

Premiere After Effects Sketch

HONORS

- A. James Clark School of Engineering Leadership Award
- Marvin F. Weissberg International Scholarship
- Robert Yin SPIRIT Foundation Memorial Scholarship