

Lucas Bourgeois

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Professional Experience:

Ty – Hardware and Software development. 2011

- Bluetooth disc and Android application. Tracks your wallet, purse, keys etc. via your cellphone and alerts you if you've left them behind.

Senior Electrical Engineer, first employee - Callpod, Inc. 2005 - 2011

Served as a leading member of the hardware and software design team, responsible for the electrical design, BOM management, as well as all FCC & UL compliance of all the following products from cradle to grave:

- Chargepod: Mobile device charger capable of charging six devices.
- Chargepod V2: Mobile device charger capable of charging one laptop and seven other devices. Includes a USB hub, and integrated 120W AC/DC.
- FuelTank Uno and Duo: Portable mobile device charger with integrated Li+ battery
- 30W Car Charger for low power products.
- 120W Car Charger for Chargepod V2.
- Designed ~50 Adaptors to support the charging of several thousand devices.
- Three Bluetooth headsets: Dragon, Onyx, and Vetro. Class 1 RF devices with dual microphone beam forming noise canceling capabilities.
- Drone: Bluetooth dongle for PC or Mac.
- Phoenix Bluetooth mobile conferencing device: capable of mixing audio from 5 Bluetooth headsets and one phone.
- Built and managed Callpod and sister company DSG's IT Infrastructure: Set up and maintained Windows and Linux servers, as well as all workstations.
- Worked closely with patent attorneys on patent applications and litigation.
- Designed the first wireless Phoenix prototype to demo and launch Callpod, Inc. at DemoFall 2005, and participated in investor meetings to secure first round funding.

Founder, President - Lubois, LLC. Consulting & product development 2004-present

Solely responsible for all of the following software development:

- Open on Phone - Mobile app & browser extension, send links and text from the web browser to a mobile device.
- Designed and coded approximately 10 websites.
- Dreamwhittler - An HTML and CSS optimization tool
- Poker Roommate - Texas hold'em odds calculator

Internship: Global Enterprise Technologies - Cisco Systems 2004

- Customized routers and wireless access points for deployment.
- Analyzed existing fiber network at Ingersoll, Rockford.
- Calculated which CAT-5 cables had exceeded maximum length parameters in a faulty installation at Winnebago County Juvenile Detention Center.

During college, founded a part time startup selling blank media 2002-2003

- Sold 22,000 blank DVD-Recordable discs online in a semester.
- Generated \$26,000 in revenue.

University of Iowa Information Technology Services computer lab 2001-2004

- General PC and Mac IT software and hardware troubleshooting.
- Maintained largest computer lab on campus.

Design Software and Programming Language Experience:

Language Proficiencies: Java, C#, PHP, HTML, MySQL, JavaScript, jQuery, flash

Software: Multisim, LtSpice, Gerber layout, Netbeans, Eclipse, all Microsoft Office, Some OrCad and Matlab

Education:

THE UNIVERSITY OF IOWA

Graduated May, 2004

Major: Electrical Engineering

Minor: Business Administration

Senior Electrical Engineering Design:

- Headed Senior team design project - both inception and task delegation in order to design, develop, and deploy a software backend for the blank media startup.

References available upon request.