Lucas Bourgeois   Phone: 630.589.6522 Email: Lucas@lubois.com

Programming Language Proficiencies: Java, C#, PHP, MySQL, HTML, JavaScript, jQuery
Development Software: Multisim, LtSpice, KiCad, Visual Studio, XCode, Netbeans, Eclipse, Microsoft Office

Professional Experience:

Lubois, LLC – IT consulting & product development   2011-Present
- IT consultant – Keeper Security
- IT consultant – Kolnicki, Peterson & Wirth, LLC
- IT consultant – A Red Orchid Theatre
- urAux – A mobile audio streaming and sharing app for Cerebral Concentrates, LLC
- Family Gift Tracker – A holiday wishlist tracking website
- Hardware and software implemented motion detection with cloud based alerts on PC and mobile for Slakkar, LLC
- Open on Phone - Mobile app and browser extension to send links and text from a web browser to any mobile device.

Ty Together – Hardware and Software development.   2011-2014
- Bluetooth disc and Android application. Tracks your wallet, purse, keys etc. via your cellphone and alerts you if you've left them behind.

Callpod, Inc. & Keeper Security - Senior Electrical Engineer and first employee.   2005 - 2011
Served as a leading member of the hardware and software design team, responsible for the electrical design, BOM management, FCC & UL compliance, and far east manufacturing 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's 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.

Founded Lubois, LLC   2004-2005
- Website design and programming
- 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.

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.

Education:

THE UNIVERSITY OF IOWA   Graduated May, 2004
Major: Electrical Engineering
Minor: Business Administration

References available upon request.