

Lucas Bourgeois

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Professional Experience:

Electrical Engineer, First Employee ~ Callpod, Inc.

June 2005-Present

- Key member of the hardware and software design team, responsible for the electrical design of all the following products from start to finish: Callpod Chargepod™, Dragon™ Headset, and the Phoenix™ Bluetooth® Conferencing Device.
- Manages Callpod's IT Infrastructure: 1 Windows and 2 Linux servers, the office network, as well as 14 workstations.
- Solely responsible for first Bluetooth® proof of concept prototype engineering design and construction.
- Authored technical white papers for new patent applications.
- Served as Callpod technology expert at DemoFall 2005, Motorola board meeting, as well as various V.C. and investor meetings during the first round of funding.

Founder, President ~ Lubois, LLC (*software startup*)

2004-2005

Headed software development from inception to deployment and marketing:

- An HTML and CSS optimization tool ~ Dreamwhittler.
- Texas hold'em odds calculator ~ Poker Roommate.
- Designed and coded both program's showcasing websites.
- Created a software backend to handle product keys and billing.

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Professional 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 at Winnebago County Juvenile Detention Center.

Founded a part time startup while a full time student selling blank media

2002-2003

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

UI 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:

Programming Languages: C#, Java, C++, C, HTML, JavaScript, AJAX, FORTRAN

Programming Platforms: Visual Studio .NET, Dreamweaver, Matlab, Flash, (VI, Emacs)

Engineering Programs: Multisim, OrCAD, SPICE, PSPICE, Pro Engineer, Matlab, Mathematica

Microsoft: Word, Excel, PowerPoint, FrontPage, Visio, Outlook

O/S: Windows 3.1 - XP, DOS, UNIX, Linux, Mac OS 9-10

Education:

THE UNIVERSITY OF IOWA

Graduated May, 2004

Major: Electrical Engineering

Minor: Business Administration

Professional Course Highlights:

Senior Electrical Engineering Design:

- Headed team project; design inception and task delegation.
- Designed, developed, and deployed a software backend for blank media startup.

Control Systems:

- linear feedback control, effects
- transfer functions, system response
- stability, root-locus
- frequency response analysis and design

References available upon request.