

# Garrett Sundin

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[gsundin.github.io](https://gsundin.github.io)  
for more information

## Objective

To attain a fulltime, entry-level position for software and/or web development

## Strengths

Accountable, innovative, results-oriented, quality-focused, analytical, driven, quick learner

## Education

University of Minnesota  
Computer Science B.A. w/ Psychology Minor  
Expected Graduation: Spring 2017

## Professional Skills

**Programming languages:** Java, C, C++, Python, Ruby, MySQL, Liquid  
**Web:** HTML, CSS, Rails, Slim, Markdown, Express, Heroku, CloudFront & S3, CloudFlare, Refinery  
**OS:** Windows (XP, Vista, 7, 8.1, 10), iOS, Mac OSX 10.x, Raspian, Ubuntu  
**Office Tools:** Photoshop, DreamWeaver, AfterEffects, Excel  
**Other:** Git, Github, TortoiseSVN, VMWare, Eclipse, JetBrains IDEs  
**Hardware:** Servers, Arduino, Raspberry Pi, Leopard Gecko, electrical sensors/actuators

## Work Experience

### **Punch Through Design, Minneapolis, MN**

**May 2016 – Present**

*(Software/Firmware/Web Engineering Intern)*

- Developed firmware with team for popSLATE 2 (written in C, tested in Python, used various debugging hardware)
- Wrote tutorials, guides, and projects for the LightBlue Bean (Arduino and BLE profiles)
- Augmented the company website to fix bugs and increase views/sales (Github, Heroku, AWS)
- Improved shipping fulfillment process (Shopify API, Liquid)

### **Innovative Technology Partners, Plymouth, MN**

**Oct 2010 – May 2016**

*(IT Support and Maintenance)*

- Built and maintained PCs, laptops, servers, NAS units, switches, routers, modems, VoIP systems, and more
- Worked directly with end-users to solve technical problems and upgrade hardware and software
- Managed IT infrastructure with GFI Max IT monitoring and support tools
- Provided remote support using TeamViewer for Windows and Mac

## Leadership and Volunteering

### **Institute of Electric and Electronic Engineers (IEEE), UMN Student Branch**

**Oct 2014 - Present**

*(Systems Administrator)*

- Leading technical projects to improve conditions of IEEE room
- Planning large events such as the IEEE banquet and LAN parties for 200+ people
- Managing IEEE-UMN website (Wordpress)
- Upgrading and maintaining software/hardware on workstations in the room

### **Other**

Boy Scouts of America, IOCP, Medina highway cleanup, Children's Cancer Research fund, Humane Society Pet Walk, CSE Soldering Tutorial, University on the Prairie, as well as multiple beach, forest, park, and cemetery resotations.

## Miscellaneous Projects

- Fnid (search plugin for Chrome that accounts for spelling errors)
- CoffeeBot (SMS- and email-enabled IoT coffee maker)
- MacBot (conversational AI with Slack and FB Messenger integration)
- Pumpkin Notifire (ANCS-connected fire-breathing jack-o-lantern)
- Raspberry Pi arcade cabinet (RetroPie distro and recycled wooden pallet boards)
- Retro Arduino arcade controller (HID over Bluetooth Low-Energy)
- Arduino leak detector, Fakey-Makey, CDAL-C++ cross compiler, various soldering side-projects