

# Garrett Sundin

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612.840.4042 | garrett@sundin.org



## References

**Mike Waddick:** President (*Punch Through Design*)  
612.208.2327 | mike@punchthrough.com

**Mark Mathis:** IT Consultant (*Innovative Technology Partners, LLC.*)  
952.484.7092 | mark@techspert.com

## Relevant Work Experience

**Wells Fargo, Minneapolis, MN**  
(*Business Systems Consultant, Web Developer – 40 hours/week*)

**July 2017 – Present**

- Develop fixes and features for internet bank software (Java)
- Single-handedly developed the new system of maintenance for the VDIs and trained another team to manage it
- Organize users and manage privileges to test/dev/prod servers
- Provide technical support for those experiencing issues on the VDIs or any other computer-based problem

**Punch Through Design, Minneapolis, MN**  
(*Software/Firmware/Web Engineering Intern – 20-40 hours/week*)

**May 2016 – July 2017**

- Developed firmware with team for popSLATE 2 (written in C and Python)
- Wrote tutorials, guides, and projects for the LightBlue Bean (Arduino and BLE profiles)
- Modified company website to fix bugs (Github, Heroku, AWS)
- Added style and functionality to company website to increase views/sales (HTML, CSS, JavaScript, Rails)
- Improved shipping fulfillment process (Shopify API, Liquid)

## Education

University of Minnesota, Twin Cities  
Computer Science with Psychology Minor (*graduated May 2017*)  
GPA: 3.1 / 4.0

## Miscellaneous Projects

- Fnid – Written with JS on top of chrome. Public Github. (search plugin for Chrome that accounts for spelling errors)
- CoffeeBot – Written in Python on Raspberry Pi. (SMS- and email-enabled IoT coffee maker)
- MacBot – Made with api.ai and other APIs. (conversational AI with Slack and FB Messenger integration)
- Pumpkin Notifire – Written in Arduino for LightBlue Bean. (ANCS-connected fire-breathing jack-o-lantern)
- Raspberry Pi arcade cabinet (RetroPie distro and recycled wooden pallet boards)
- Shoetooth Fight Stick – Written in Arduino for LightBlue Bean. (HID over Bluetooth Low-Energy)
- Fakey Makey, an inexpensive version of Makey Makey (made with some resistors and a fake Arduino UNO)
- See my website for more! (link in upper right corner)

## Leadership and Volunteering

**Institute of Electric and Electronic Engineers (IEEE), UMN Student Branch**  
(*Board Member: Systems Administrator*)

**May 2016 – May 2017**

- Leading technical projects to improve conditions of IEEE members' lounge
- Planning large events such as the IEEE banquet and LAN parties for 200+ people
- Managing IEEE-UMN website (Wordpress) and workstations in the room

**University on the Prairie, UMN STEM Outreach**  
(*Assistant Professor*)

**August 2016**

- 3-day course teaching circuit design and engineering principles to kids from grades 7-12