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Austin TX 78705

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EDUCATION

Austin, TX	The University of Texas at Austin	Fall 2015 – Spring 2019
<ul style="list-style-type: none">• B.S.E.E, Electrical & Computer Engineering, May 2019. GPA: 3.58• Undergraduate Coursework: Software Design & Implementation, Linear Systems & Signals, Circuit Theory, Embedded Systems.• Lead of Co-Lab Team, Longhorn Entrepreneurship Agency. Working on programming and community development at UT Austin's first-ever dedicated co-working space for student entrepreneurs.		

PROFESSIONAL EXPERIENCE

Undergraduate Research Assistant	The University of Texas at Austin	Future: August 2017 -
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[Prof. John Griffin](#), Department of Finance, McCombs School of Business

- Web scraping, data analysis

Software Systems Engineer, Intern	Dell EMC	Current: May 2017 – August 2017
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Platform Technology and Architecture Team, Server Division, Office of the CTO.

- Porting existing PCIe driver for FPGA to DPDK framework, aiming to accelerate current performance speeds for specific server product by 5x

Investor	Contrary Capital	August 2016 - Present
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[Contrary Capital](#) is a decentralized, university-focused venture capital fund focused on making investments ranging between \$50-250k in startups borne out of universities.

- Organizing pitch nights and drafting investment memos to evaluate feasibility of various startups as potential investments.
- Strengthening fund's brand on campus by pitching to and collaborating with various organizations.

Marketing Manager	Sup	May 2016 – August 2016
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[Sup](#) is a mobile application that finds friends who are nearby and available right now for social activities.

- Worked various user growth and marketing channels to grow total app installs from 5k to 10k in 3 months – app had 5k installs in 1.5 years prior.
- Automated marketing channels (Facebook Ads, Google AdWords) to reach short-term target of 15k total app installs by September 2016.
- Reduced average cost-per-app-install from \$1.93 (at 5k users) to \$0.60 (at 10k users).
- Parsed data from web scraping for e-mail blasts as part of guerilla marketing strategy.

PROJECTS

Hotspotter	HackTX, Fall 2016
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devpost.com/software/hotspotter

HotSpotter helps geographically pinpoint the physical broadcast source of a WiFi network in the area.

- Wrote firmware-level code to load onto Particle Photon, for device to detect SSIDs and RSSIs of local WiFi networks in area: **Wiring, Particle.**
- Built rudimentary mobile app for user to interact with device, to read RSSI of selected network in real-time: **Porter, Particle Cloud API.**
- Placed Top 10 out of 58 submitted teams + won MLH Best Device Privacy Hack + won 1517 Keep Building Award

FoodJump	3 Day Startup, Fall 2015
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FoodJump solves the problem of not being able to decide where to head out for a meal.

- Built MVP website for product within 20 minutes of conception of idea (currently offline).
- Performed alpha-test on campus, made \$50 in sales (5 customers, none of whom we personally knew) within 24 hours of conception of idea.

LANGUAGES AND TECHNOLOGIES

- Java, C++, C, Python (Fairly proficient)
- Linux, Kernel Modules, PCIe Drivers (Some experience)
- Embedded Systems: ARM Assembly, Particle, Wiring (Some experience)
- Web Scraping: BeautifulSoup (Some experience)
- Mobile: Swift, iOS Development (Novice)