DANIEL BURGESS

📞 by request
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```
if (job.isQualified(applicant.getSkillset()) && company.fitsCulture(applicant.getPersonality())) { return new Employee(applicant.name, job.title); }
```

👤 SUMMARY

Daniel is a full stack software engineer with a broad set of skills and experience in numerous languages, platforms, and frameworks. Whether it is mobile, backend, or web, Daniel's experience allows him to rapidly learn new tech and gain a working understanding of complex systems quickly. With an entrepreneurial background, he has a rare understanding of how to balance a meticulous approach to technical design and implementation with practical business needs.

💼 EXPERIENCE

Fitnet: Lead Software Engineer | _Blacksburg, VA   2013-present

- Technical architect and leader of agile development team of five people creating award winning app (and infrastructure) with 400k+ downloads, numerous prominent App Store feature positions by Apple, promotional partnerships with Google, etc.
- Oversaw five major releases and dozens of updates / prototypes of iOS & Android apps (*Swift, Objective-C, Java, Lua, Corona*).
- Managed Fitnet API & supporting infrastructure, scaling to peak 10k+ daily active users (*PHP, MySQL, Python, AWS, Firebase*).
- Built numerous internal / prototype web apps, such as trainer tools and org dashboards (*Javascript, React, Redux, Node*).

FreshAiR / MoGo Mobile: Co-Founder | Blacksburg, VA   2011-2014

- Responsible for all day-to-day operations, including: software development, code review, server management, technical support, finance, legal, human resources, management, sales, marketing, business development, etc.
- Created iOS augmented reality app, which was then ported to Android (*Objective-C → Java*).
- Created web-based augmented reality editor & infrastructure (*HTML, CSS, Javascript, PHP, MySQL, MongoDB, etc*).
- Integrated vision-based AR prototype with animated 3d model rendering in FreshAiR (*C/C++, OpenGL ES, Vuforia*).

GAMeS Lab at Radford University: Senior Programmer | Radford, VA   2008-2011

- Designed & created initial framework for an augmented reality development platform, allowing easy AR authoring.
- Awarded first runner up in Governor's Apps Development Challenge for an educational iOS game which challenged students' to determine relationships among fractions, decimals, percents and improve fractional computation (*iOS, Objective-C*).
- Created a modular augmented reality game engine for educational research that ran on handheld devices by interfacing with GPS. The engine allowed creation of engaging game narratives played in a real physical space (*Flash, ActionScript, XML*).

Hawthorn Suites: Night Auditor & Front Desk Clerk | Blacksburg, VA   2002-2008

- Daily audited transactions to verify ledgers balanced, with yearly amounts totaling over $1 million.
- Trained half a dozen employees on how to perform the audit between 2004 and 2008.

🎓 EDUCATION

Radford University | B.S. Computer Science & Technology   May, 2010

- Concentrations: Software Engineering | Database   GPA: 4.0/4.0
- *Involvement: Association for Computing Machinery, Upsilon Pi Epsilon, Phi Kappa Phi & Cru*

New River Community College | A.A.S. Information Technology   May, 2008

- Specialization: Computer Graphics & Web Design   GPA: 4.0 / 4.0
- *Involvement: Virginia21 & Phi Theta Kappa (Treasurer 2006-2007, President 2007-2008)*

</> TECHNICAL SKILLS

Swift	React	CSS	Corona	Firebase	Node
Objective-C	Redux	PHP	Lua	Python	C/C++
Javascript	HTML	MySQL	Java	MongoDB	& More!

☰ OTHER SKILLS

Video & Audio Production	Graphic Editing	Customer Service
	Team Leadership	Presentations

🏆 HONORS & AWARDS

Appy Awards: Award Winner, Health & Fitness category. — 2015

Google Fiber + US Ignite: Best overall application out of 14 teams, demonstrating gig network capabilities. — 2013

RBTC: People's Choice Award for FreshAiR; also nominated for Rising Star and Innovation Awards. — 2012

Distilled Intelligence 1.0: FreshAiR chosen as one of the top 22 startups out of over 100 companies. — 2011

Radford University: Dean's Scholar, Artis Scholarship in IT, Mary Jane Dudley Scholarship. — 2009-2010

Virginia Department of Education: First Runner-Up, Mathematics App Development Challenge. — 2009

All-Virginia Academic Team: First Team (Top 10 Statewide). — 2008

Phi Theta Kappa: Leaders of Promise Scholarship (1 of 30 Nationwide). — 2007

National Science Foundation: ATE Student Award for Excellence (1 of 50 Nationwide). — 2007

👥 SOCIAL / COMMUNITY PRESENCE

⌾ Github	⩘ Stack Overflow	in LinkedIn	🐦 Twitter	f Facebook