

# David Owen Payne

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## Experience

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| <b>IST Research</b>   | Software Engineer    | 2015 - 2018  |
| <ul style="list-style-type: none"><li>• Implemented RESTful API services for multiple web &amp; mobile systems.</li><li>• Introduced to Docker, Docker Compose, &amp; containerized environments.</li><li>• Served in leadership roles as Team Scrummaster, &amp; 'Dev Mentor' to an onboarding new hire.</li></ul>   |                      | <b>PHP 5.6, Java<br/>Docker, AWS</b>   |
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| <b>Atomic Axis / Enola Labs</b>   | Android Developer    | 2013 - 2014  |
| <ul style="list-style-type: none"><li>• Estimated tasks and built Android apps as primary developer.</li><li>• Worked with multiple outside data sources &amp; APIs.</li><li>• Drove a productive agile development workflow on a daily basis.</li><li>• Advised on &amp; exercised best practices with source control processes.</li></ul>   |                      | <b>Java, Android SDK<br/>3<sup>rd</sup> Party APIs, JSON<br/>Scrum, Agile<br/>Git, BitBucket</b> |
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| <b>FreshAiR</b>   | Co-Founder, CEO      | 2011 - 2013  |
| <ul style="list-style-type: none"><li>• Co-designed &amp; built augmented reality apps from ground up.</li><li>• Aided in implementing corresponding backend server &amp; web editor.</li><li>• Co-founded Radford University's first start-up 'spin-off' LLC, &amp; first IP patent submission.</li><li>• Managed all aspects of day-to-day company operations for over two years, including the software architecture roadmap, finances, sales &amp; marketing, and personnel management.</li></ul> |                      | <b>Android &amp; iOS<br/>PHP, Javascript, CSS</b>  |
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| <b>GAMEs Lab</b>  | Senior Programmer    | 2008 - 2011  |
| <ul style="list-style-type: none"><li>• Designed <a href="#">award-winning</a> educational iPhone app 'Fraction Factory'.</li><li>• Led team through full development life cycle of several other educational iPhone apps.</li></ul>  |                      | <b>Objective-C</b>   |
| <hr/>   |                      |  |
| <b>Dept. of Defense Altess PEO EIS</b>  | Army Civilian Intern | 2008 - 2010  |
| <ul style="list-style-type: none"><li>• Obtained security clearance, interned in supervision of team of 4-8 software contractors.</li><li>• Furthered development of two multi-million dollar DoD intraweb applications that aggregate and classify government contract financials.</li><li>• Built database &amp; web app for indexing workstation I.T. issues.</li></ul>  |                      | <b>PHP, Python,<br/>CSS, HTML<br/>Oracle PL/SQL, CSS, HTML</b>                                   |

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## Skills

- **Languages & APIs:** Git, Java, Android SDK, SQL, JSON, HTML, CSS, PHP, Bash, Python, AWS, AWS CLI, Kibana, Logstash, Elastic Search, Docker, Docker Compose, C++, Objective-C, XML, YAML, Javascript, Ada, Scheme, Lisp, Coldfusion, Retrofit API, & more.
- **Software Engineering:** Proficient in Agile development process, with strong experience in translating project requirements into accurately estimated, highly granular development tasks.
- **Management:** Team leadership, with critical thinking & empathy-based interactions.

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## Education

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|--|------------------------------------|
| <b>Radford University</b>  | Graduated December 2010            |
| <ul style="list-style-type: none"><li>• Bachelor of Science in Computer Science &amp; Technology.</li></ul>                            |                                    |
| <b>New River Community College</b>   | Graduated Magna Cum Laude May 2009 |
| <ul style="list-style-type: none"><li>• Applied Associates of Science in Information Technology, specialized in Game Design.</li></ul> |                                    |

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## Apps, Accolades, & Activities

- 'Current' security clearance status in regard to Personnel Security Investigation (P.S.I.).
  - 1<sup>st</sup> Place, ACM Java Programming Competition 2008, at Radford University.
- Android Apps:** [Texas DPS](#), [FreshAiR](#), GREX      **iOS Apps:** [FreshAiR](#), Fraction Factory