Building Automation Ecosystem

Workforce Opportunities

Portland, OR (+50 mile radius)

Data Mining Dates
October 4 - 11, 2021

Data Mining Sources
Indeed.com
Glassdoor.com
Linkedin.com
Ziprecruiter.com

Data Mining Variables
Vacancies
Full Time Vacancies
Top Employer
Top Location

BAS
Building Automation Systems

BET
Building Energy Technicians

BAE
Building Automation Engineer

BEM
Building Energy Managers

BAS Ecosystem Job Titles Searched

Marketplace and workforce opportunities research and data analyses are conducted by Dr. Sudeep Vyapari, Executive Vice President, Association of Controls Professionals.

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BUILDING AUTOMATION ECOSYSTEM
Workforce Opportunities
Portland, OR (+50 mile radius)

Mean # Daily Vacancies by Job Titles

- Building Automation Systems: 639
- Building Energy Technicians: 337
- Building Energy Managers: 629
- Building Automation Systems: 1,138

Mean # Daily Vacancies in Portland, OR by Job Titles

- Building Automation Systems: 333
- Building Energy Technicians: 147
- Building Energy Managers: 252
- Building Automation Systems: 405
Building Automation Systems

79% FT Positions

Building Energy Technicians

53% FT Positions

Building Energy Managers

59% FT Positions

BAS Ecosystem Jobs By FT Vacancies Oregon

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Employer</th>
<th>Daily # Vacancies (Mean)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Automation Systems</td>
<td>Intel</td>
<td>102</td>
</tr>
<tr>
<td>Building Automation Systems</td>
<td>Nike</td>
<td>44</td>
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<tr>
<td>Building Automation Systems</td>
<td>DWFritz</td>
<td>42</td>
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<tr>
<td>Building Automation Systems</td>
<td>Siemens</td>
<td>24</td>
</tr>
<tr>
<td>Building Energy Technicians</td>
<td>DISH</td>
<td>99</td>
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<tr>
<td>Building Energy Technicians</td>
<td>Intel</td>
<td>41</td>
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<tr>
<td>Building Energy Technicians</td>
<td>CBRE</td>
<td>25</td>
</tr>
<tr>
<td>Building Energy Managers</td>
<td>DISH</td>
<td>89</td>
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<tr>
<td>Building Energy Managers</td>
<td>Intel</td>
<td>54</td>
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<tr>
<td>Building Energy Managers</td>
<td>Meta</td>
<td>6</td>
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<tr>
<td>Building Automation Engineer</td>
<td>Intel</td>
<td>106</td>
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<tr>
<td>Building Automation Engineer</td>
<td>VMware</td>
<td>58</td>
</tr>
</tbody>
</table>

Mean # Daily Vacancies by Top Employers
About ACP

The Association of Controls Professionals (ACP) is a non-profit membership organization. ACP’s mission is to provide education and industry resources for the long-overlooked technicians, specifiers, engineers, integrators, designers, programmers, and managers in the Building Automation Systems (BAS) industry, creating progressively greater industry exposure and professionalism.

ACP and its leadership work to professionalize the building automation industry through market research, publications, curriculum dissemination, laboratory design, and ongoing development of non-proprietary, accredited credentials for the workforce.

ACP’s research mission is to help building operations, maintenance, automation, management, and controls industry stakeholders to understand the factors transforming the global economy, identify strategic locations, and prepare skilled professionals for the 21st-century automation workforce. One of the primary goals of ACP’s research is to create better frameworks to understand the building automation workforce development at the regional, state, and national levels in the United States. Thorough quantitative and qualitative assessments, tactical strategies, timely solutions, and action plans are necessary to overcome a lack of information and clarity to characterize building automation employment opportunities.

This overview provides ACP’s approach to publishing a series of diverse, yet interconnected, reports and papers to support building automation job-seekers, program developers, and employers. ACP welcomes your comments on this paper at sudeep@acprofessionals.org.

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