BCA-Industry Job Shadowing Programme (JSP)
11-29 January 2016
About the JSP...

38 students from 8 JCs went on a JSP journey in January 2016 to

- find out BE career choices
- check out BE scholarships
- and gain exposure to the working world

Built Environment (BE) Careers – to choose or not to choose, that is the question!
## Programme Overview

<table>
<thead>
<tr>
<th>Day / Date</th>
<th>Organisation</th>
<th>Programme</th>
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| Monday 11 Jan 2016 | Building and Construction Authority | • Sharing on Built Environment Prospects & Scholarships  
• Sharing session by BCA scholars Chin Soon and Si Min  
• Tour of Zero Energy Building & Construction Productivity Gallery  
• Sharing session on Building Information Modelling  
• Tour of Centre for Lean and Virtual Construction |
| Tuesday 12 Jan 2016 | Housing & Development Board | • Sharing session by HDB staff & scholars  
• Visit to HDB Gallery  
• Visit to HDB’s Centre of Building Research |
| Wednesday 13 Jan 2016 | Urban Redevelopment Authority | • Sharing session by URA scholars  
• Hosted tour of the Singapore City Gallery  
• Briefing on URA’s work & planning for a car-lite district  
• Tour of Kampong Bugis |
| Thursday 14 Jan 2016 | JTC Corporation | • Tour of Cleantech Park  
• Tour of Jurong Eco Garden |
| Friday 15 Jan 2016 | DP Architects Pte Ltd | • Office Tour  
• Briefing on DPA projects  
• Presentation on Engineering + Q&A  
• Presentation on Sustainable Design + Q&A  
• Understanding Architecture |
# Programme Overview (...continued)

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<thead>
<tr>
<th>Day / Date</th>
<th>Organisation</th>
<th>Programme</th>
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<tbody>
<tr>
<td>Monday 18 Jan 2016</td>
<td>Future of Us Exhibition</td>
<td>• Tour of Exhibition</td>
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<td>• Interaction with young industry professionals and scholars</td>
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<td>Tuesday 19 Jan 2016</td>
<td>Samwoh Corporation Pte Ltd</td>
<td>• Tour of Eco-Green Building</td>
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<td>• HR Sharing on Careers, Internship and Scholarship Opportunities</td>
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<td>• Q&amp;A session with Samwoh’s engineers</td>
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<td>Wednesday 20 Jan 2016</td>
<td>CPG Corporation Pte Ltd</td>
<td>• Sharing session by CPG professionals &amp; scholars</td>
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<td>• Tour of CPG Studios</td>
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<td>National University of Singapore</td>
<td>• Activities by NUS Department of Real Estate, Building and Architecture</td>
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<td>Thursday 21 Jan 2016</td>
<td>RSP Architects Planners &amp; Engineers (Pte) Ltd</td>
<td>• Tour of RSP Office</td>
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<td>• Sharing session by RSP architects</td>
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<td></td>
<td>Singapore University of Technology and Design</td>
<td>• Sharing of SUTD undergraduate experience by SUTD students</td>
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<td>• Campus Tour</td>
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<td>Friday 22 Jan 2016</td>
<td>Nanyang Technological University</td>
<td>• Talk by Mr Lee Wah Fong of P&amp;T Consultants on BIM and PPVC</td>
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<td>• Presentation on NTU Engineering courses (CE/EEE/ME)</td>
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<td>• Tour of NTU North Hill Residential Halls hosted by BBR Group</td>
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They visited BE-related government agencies:

**URA** to learn about the **Big Concept Plan for Singapore**

**HDB** to understand how **vibrant towns are built**

**JTC** to see the **1st eco-business park**
At BCA, they were excited by our green efforts, the latest construction technologies ....

... and wowed by Virtual Design & Construction!
They also visited BE industry firms:

Saw the array of projects handled by RSP Architects

Get hands-on experience in planning and design at DP Architects

Learnt the importance of teamwork at CPG Consultants

Understand the materials for road construction at Samwoh Construction
They had plenty of opportunities to hear from different experts!
Kindled by what they saw and heard, they visited 3 Universities to check out BE courses.
NUS School of Design & Environment briefed on Architecture, Project & Facilities Management and Real Estate

The students also visited the BIM Studio and the Building Energy Efficiency (BEE) Hub at NUS.
SUTD briefed on their 4 Pillars, esp on Architecture & Sustainable Design. The students were won over by the **3D-Printing Technologies** and the mobile Fabrication Lab!
The students also attended a seminar by P&T Consultants on BIM and PPVC...
They were especially excited to be donning helmets and visiting the North Hill Residential Halls hosted by BBR Group!
And to fuel their imagination, the students visited the Future of Us Exhibition to open their minds to possibilities in our future landscape!
To help students further understand BE careers, they interned with the following organisations for a minimum of one week:

<table>
<thead>
<tr>
<th>Organisation</th>
<th>No. of internships</th>
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<tr>
<td>BCA</td>
<td>6</td>
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<tr>
<td>HDB</td>
<td>4</td>
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<tr>
<td>URA</td>
<td>3</td>
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<tr>
<td>JTC</td>
<td>3</td>
</tr>
<tr>
<td>DP Architects</td>
<td>2</td>
</tr>
<tr>
<td>RSP Architects</td>
<td>2</td>
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BCA interns:
- GBPD – 1
- GMD – 2
- QCD – 2
- TSED – 1
More internship photos:

HDB interns

JTC interns

RSP interns

SUTD arranged for 7 interns to shadow junior undergrads
What the students say about JSP ...

On a scale of 1 to 5, I actually wanted to put 6!

I will recommend this programme to my juniors!

I really enjoyed myself and learnt a lot!
“We hope the visit gave the JSP participants a sneak preview of how SUTD integrates art and science to nurture technically-grounded leaders who will help shape our future built environment.”

Ms Lim Su Fang
Director of Admissions

“Job experience is the twinkle in the eyes of a learner.”

Mr Ng San Son
Architect:

“We hope the students are more aware of what they want to pursue for both their studies and their future career after the programme.”

Ms Lynn Ho
HR Manager

DP ARCHITECTS PTE LTD